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and Oceans

Pêches  
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Fisheries and  
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The *Canadian Journal of Fisheries and Aquatic Sciences* has been published continuously since 1901, previously as *Contributions to Canadian Biology* 1901–25, *Contributions to Canadian Biology and Fisheries* 1926–34, *Journal of the Biological Board of Canada* 1934–37, and *Journal of the Fisheries Research Board of Canada* 1938–79.

Publié sans interruption depuis 1901, le *Journal canadien des sciences halieutiques et aquatiques* a paru sous plusieurs titres : *Contributions to Canadian Biology* 1901–25, *Contributions to Canadian Biology and Fisheries* 1926–34, *Journal of the Biological Board of Canada* 1934–37 et *Journal de l'office des recherches sur les pêcheries du Canada* 1938–79.

### Editorial policy

The *Journal* publishes original research articles and notes, critical reviews, Perspectives (essays of opinion or hypothesis), comments, and book reviews. Papers may concern cells, organisms, populations, ecosystems, or processes that affect aquatic production systems, and they should lead to identifiable conclusions or synthesis, which variously may amplify, modify, question, or redirect accumulated knowledge embodied in contemporary perceptions of a particular state of fisheries and aquatic sciences. They should demonstrate clearly a contribution to knowledge beyond the confirmatory state. Originality should relate to more than the particular (a certain year, place, taxon, or chemical compound) such that existing understanding is reformulated or extended.

It would assist the Editors if prospective authors identified briefly by covering letter (a) aspects of their papers that meet the foregoing objectives, (b) potential referees, and (c) other manuscripts contemplated or in press containing the same or similar information.

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# Canadian Journal of Fisheries and Aquatic Sciences

# Journal canadien des sciences halieutiques et aquatiques

Volume 44, Index 1987

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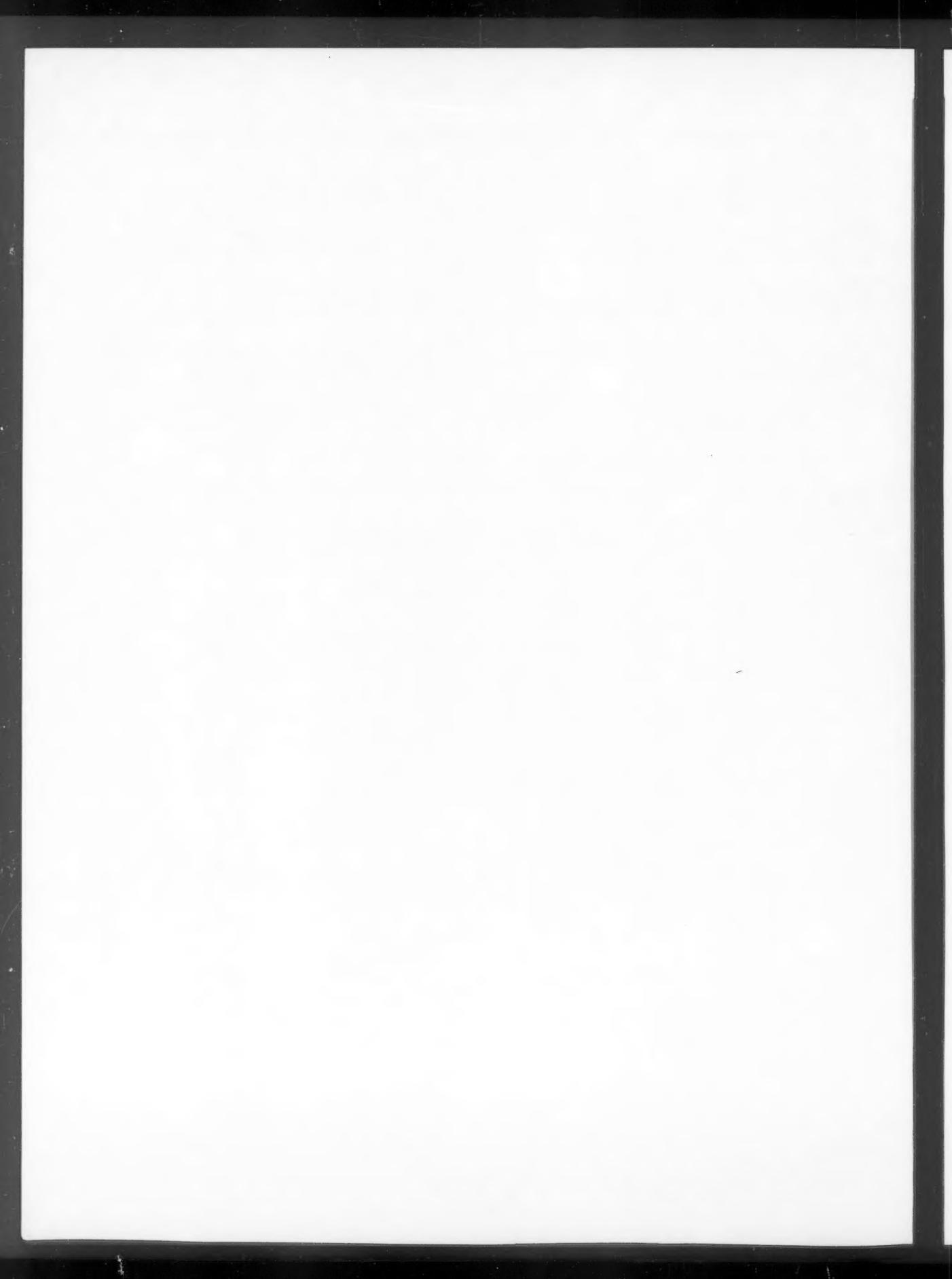
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## PREFACE/PRÉFACE

In 1968, the Fisheries Research Board of Canada published Bulletin 164, a subject-author index and list of its publications to 1964.

Miscellaneous Special Publication 18, covering the period 1965 to 1972, was published in 1973. Between 1973 and 1976, annual subject-author indexes and lists of publications were published as separate issues of the Journal.

Since 1977, the annual index has contained a subject index, an author index, and a list of publications. Entries in the subject index consist of an entry term, a number of modifying terms, if required, and a taxonomic or common name and a geographic term, if appropriate. Entry terms and, wherever possible, modifying terms are selected from the *Aquatic sciences and fisheries thesaurus*, ASFIS Reference Series No.6. However, it is sometimes necessary to use modifying terms not found in the *Thesaurus* to convey adequately all concepts. The principal authority for taxonomic and common names for Canadian and American marine and freshwater fishes is *A list of common and scientific names of fishes from the United States and Canada* (4th ed., 1980), Special Publication No.12 of the American Fisheries Society. Where authors have used names or spellings not conforming to those recommended, entry terms for such names are included, referring to the recommended names under which documents are indexed.

En 1968, l'Office des recherches sur les pêcheries du Canada publiait le bulletin no 164 qui constituait un index des matières et des auteurs, ainsi qu'une liste de ses publications jusqu'à 1964. Le no 18 des Publications diverses spéciales, visant la période de 1965 à 1972, a paru en 1973. Entre 1973 et 1976, on a publié chaque année un index des matières et des auteurs ainsi qu'une liste des publications dans un numéro distinct du Journal.

Depuis 1977, l'index annuel comprend un répertoire des matières et des auteurs et une liste des publications. Les notices de l'index des matières sont composées d'un terme d'entrée, d'un certain nombre de termes modificatifs si nécessaire, ainsi que d'une désignation taxonomique ou d'une appellation courante et d'un terme géographique au besoin. Les termes d'entrée et, dans la mesure du possible, les termes modificatifs sont choisis d'après l'*Aquatic sciences and fisheries thesaurus*, no 6 de la série de référence d'ASFIS. Cependant, il est parfois nécessaire d'utiliser des termes modificatifs qu'on ne trouve pas dans le *Thesaurus* pour exprimer convenablement tous les concepts. Le principal ouvrage qui fasse autorité en ce qui concerne les appellations communes et taxonomiques des espèces de poisson d'eaux douces et marines des États-Unis et du Canada est intitulé *A list of common and scientific names of fishes from the United States and Canada* (4e édition, 1980), Publication spéciale no 12 de l'American Fisheries Society. Quand un auteur utilise des désignations ou un orthographe différents des formes recommandées, on inclut les termes d'entrée pour ces noms en renvoyant aux noms recommandés sous lesquels les documents sont indexés.

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## ABBREVIATIONS

### Publications

J - Canadian Journal of Fisheries and Aquatic Sciences  
SP - Canadian Special Publication of Fisheries and Aquatic Sciences  
B - Canadian Bulletin of Fisheries and Aquatic Sciences  
AR - Annual Report  
TF - Canadian Technical Report of Fisheries and Aquatic Sciences  
MF - Canadian Manuscript Report of Fisheries and Aquatic Sciences  
DF - Canadian Data Report of Fisheries and Aquatic Sciences  
IF - Canadian Industry Report of Fisheries and Aquatic Sciences  
TH - Canadian Technical Report of Hydrography and Ocean Sciences  
DH - Canadian Data Report of Hydrography and Ocean Sciences  
CH - Canadian Contractor Report of Hydrography and Ocean Sciences  
TS - Canadian Translation of Fisheries and Aquatic Sciences

R. - Reprinted

Rev. - Revised

F. - French

### Geographic abbreviations

Alta. - Alberta	N.W.T. - Northwest Territories
B.C. - British Columbia	Ont. - Ontario
Man. - Manitoba	P.E.I. - Prince Edward Island
N.B. - New Brunswick	Que. - Quebec
Nfld. - Newfoundland	Sask. - Saskatchewan
N.S. - Nova Scotia	Y.T. - Yukon Territory

The names of states in the United States of America are abbreviated according to the *CBE Style Manual*.

Atl. - Atlantic	Pac. - Pacific
I. - Island	R. - River
L. - Lake	

Certain geographic areas have their major subdivisions designated by N(north), S(south), E(east), W(west), NW(northwest), NE(northeast), etc.

## ABRÉVIATIONS

### Publications

J - Journal canadien des sciences halieutiques et aquatiques  
SP - Publication spéciale canadienne des sciences halieutiques et aquatiques  
B - Bulletin canadien des sciences halieutiques et aquatiques  
AR - Rapport annuel  
TF - Rapport technique canadien des sciences halieutiques et aquatiques  
MF - Rapport manuscrit canadien des sciences halieutiques et aquatiques  
DF - Rapport statistique canadien des sciences halieutiques et aquatiques  
IF - Rapport canadien à l'industrie sur les sciences halieutiques et aquatiques  
TH - Rapport technique canadien sur l'hydrographie et les sciences océaniques  
DH - Rapport statistique canadien sur l'hydrographie et les sciences océaniques  
CH - Rapport canadien des entrepreneurs sur l'hydrographie et les sciences océaniques  
TS - Traduction canadienne des sciences halieutiques et aquatiques  
  
R. - réimprimé  
Rev. - révisé  
F. - français

### Abréviations de noms géographiques

Alta. - Alberta	N.W.T. - Territoires du Nord-Ouest
B.C. - Colombie-Britannique	Ont. - Ontario
Man. - Manitoba	P.E.I. - Île-du-Prince-Édouard
N.B. - Nouveau-Brunswick	Que. - Québec
Nfld. - Terre-Neuve	Sask. - Saskatchewan
N.S. - Nouvelle-Écosse	Y.T. - Territoire du Yukon

Les abréviations des noms des états des États-Unis sont tirées du *CBE Style Manual*.

Atl. - Atlantique	Pac. - Pacifique
I. - Ile	R. - Rivière
L. - Lac	

Certaines régions géographiques ont leurs principales subdivisions indiquées de la façon suivante : N(nord), S(sud), E(est), W(ouest), NW(nord-ouest), NE(nord-est), etc.

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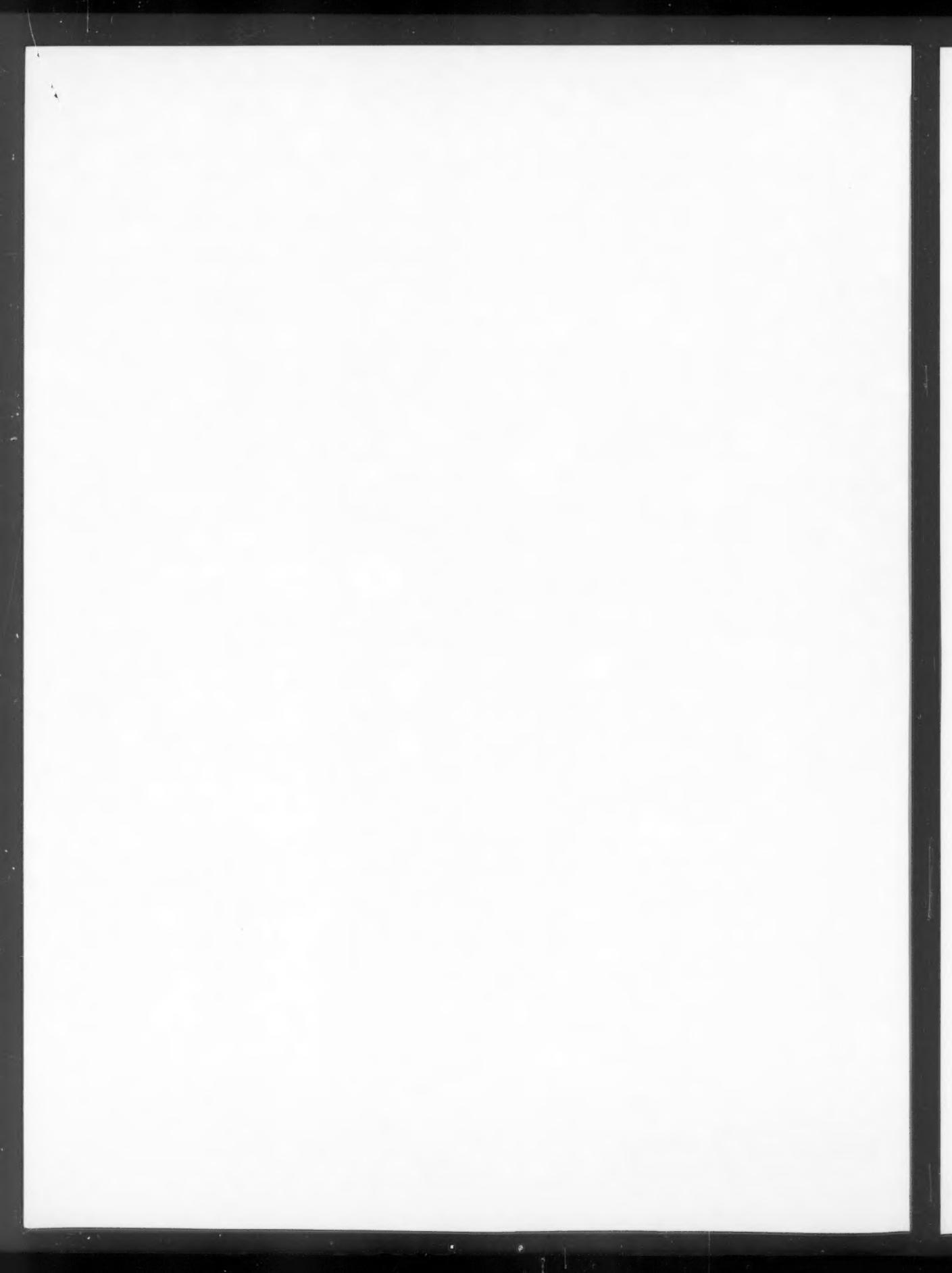
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 1918 (techniques, stocking, fingerlings, Atlantic salmon, Pointe Wolfe R., N.B.)  
 1931 (brood stocks, regulations, Atlantic salmon, Nfld.)  
 1943 (rearing, temperature effects, chinook salmon, B.C.)  
 1944 (water quality, iron, chinook salmon, B.C.)  
 DF 528 (marking, migrations, salmonids, B.C.)  
 609 (tagging, recoveries, females, coho salmon, B.C.)  
 626 (temperature, embryonic development, fish eggs, salmonids)  
 643(1) (water quality analysis, temperature monitoring, rivers, B.C., Y.T.)  
 647 (fish food, chemical analysis, Pacific salmons, B.C.)  
 TS 5244 (animal reproductive organs, feeding experiments, kelp, Japanese sea urchin, Hokkaido, Japan)  
 5251 (pollution effects, rainbow trout, Archipelagic Sea, Finland)  
 5252 (effluents, pollution control)  
 5267 (fish farms, pollution effects, benthos, Sipoo Bay, Finland)  
 5268 (pollution effects, fish farms, Finland)  
 5269 (pollution effects, fish farms, Archipelagic Sea, Finland)  
 5271 (fish culture, pollution control planning, Finland)  
 5272 (fish culture, pollution control, Finland)  
 5273 (fish farms, Finland)  
 5274 (effluents, phosphorus, rainbow trout, Finland)  
 5275 (fish culture, licenses, Finland)  
 5276 (fish culture, licensing, Finland)  
 5283 (pollution control, phosphorus, Finland)  
 5284 (fish farms, sociological effects, Finland)  
 5290 (seed collection, scallop, Japan)  
 5291 (seed production, scallop, Japan)  
 5292 (seed production, scallop, Japan)  
 5293 (seed production, scallop, Japan)

- 5294 (seed production, scallop, Japan)  
 5295 (seed production, scallop, Japan)  
 5296 (seed production, scallop, Japan)  
 5297 (seed production, induced breeding, scallop, Japan)  
 5300 (introduced species, parasitic diseases, *Myxosoma cerebralis*, California trout, Yugoslavia)  
 5319 (techniques, economic analysis, American lobster, Magdalen Is., Que.)  
 5320 (seed collection, scallop, Japan)  
 5324 (employment, fish farming, Norway)  
 5329 (population genetics, sex reversal, rainbow trout, Japan)  
 5332 (water temperature, tolerance, embryos, Atlantic salmon)
- AQUATIC PLANTS**  
 J 44(3) : 591 (feeding behavior, crayfishes, WI)  
 (4) : 732 (biomass, echosounders, Que.)  
 (9) : 1666 (surface waves, water depth, lakes, S Que.)  
 (10) : 1759 (vertical distribution, latitudinal variations, lakes)  
 TF 1546 (benthic surveys, interspecific relationships, green sea urchin, N.S.)  
 MF 1921 (vegetation mapping, spawning grounds, Pacific herring, Vancouver I., B.C.)
- ARCTIC**  
 B 216 (life cycle, ringed seal, W Arctic)  
 TF 1491 (food chains, interspecific relationships, marine mammals, Arctic cod)  
 DF 558 (feeding behavior, stomach content, phytoplankton, zooplankton, Frobisher Bay)  
 575 (check lists, abundance, phytoplankton, Frobisher Bay)  
 624 (seasonal distribution, seasonal abundance, walrus, Hudson Strait)  
 DH 5(13:1) (biological oceanography, data, narwhal, white whale, bowhead whale, killer whale, Northwest Passage)  
 (13:2) (biological oceanography, data, whales, Northwest Passage)  
 (14) (physical oceanography, data, Northwest Passage)  
 39(2) (physical oceanography, hydrographic data, Northwest Passage)  
 (3) (water temperature, salinity, Northwest Passage)  
 51(1) (current measurement, sea level measurement, Northwest Passage)  
 (2) (current measurement, sea level measurement, Northwest Passage)  
 (3) (current measurement, sea level measurement, Northwest Passage)  
 CH 28 (ice, morphology, acoustics)
- Argopecten purpuratus* (see SCALLOP, PERUVIAN)
- AUKLET, CASSIN'S (*Ptychoramphus aleuticus*)  
 TH 93 (growth, plankton feeders, B.C.)
- Aurelia aurita* (see JELLYFISH)
- B**
- BACTERIA**  
 J 44(1) : 167 (pollution effects, waste water, Saint Louis R., Que.)  
 (2) : 368 (bacterial diseases, disease transmission, *Aerococcus viridans* var. *homari*, American lobster, Magdalen Is., Que.)  
 (5) : 1064 (acidification, aluminum, leaf degradation)  
 DH 5(9) (biological oceanography, Beaufort Sea)  
 TS 5289 (fish diseases, diets, yellowtail)  
 5306 (microbiological analysis, fishery products, *Vibrio parahaemolyticus*, Japan)
- Baetis* (see EPHEMEROPTERA)
- Balaena mysticetus* (see WHALE, BOWHEAD)
- BALTIC SEA**  
 TS 5315 (vertical distribution, mysids)  
 5317 (vertical migrations, diurnal variations, crustaceans)
- Barbidrilus paucisetosus* (see OLIGOCHAETA)
- BARBOURISIA RUFA** (Cetomimiformes)  
 TS 5250 (geographical distribution, new records, Indian Ocean)
- BASS, SMALLMOUTH** (*Micropterus dolomieu*)  
 J 44(S2) : 229 (sport fishing, stock assessment, evaluation, L. Opeongo, Ont.)
- BEAUFORT SEA; BEAUFORT SEA SHELF**  
 TF 1500 (statistical sampling, aerial surveys, bowhead whale)  
 DF 614 (feeding behavior, stomach content, copepods, Arctic cod, Beaufort Sea Shelf)  
 635 (fishery surveys, biological data, fishes, Phillips Bay)  
 661 (oceanographic data, Beaufort Sea Shelf)  
 DH 5(9) (biological oceanography, bacteria, plankton)  
 (10) (biological oceanography, whales)  
 (11) (biological oceanography, zoobenthos)  
 (12) (physical oceanography, data, Amundsen Gulf)
- BEHAVIOR**  
 J 44(2) : 348 (swimming, velocity, pink salmon, Fraser R., Thompson R., B.C.)

- :
 478 (reproductive behavior, environmental effects, *Hyalella azteca*, Canadian Shield lakes, Ont.)
- (4) :
 832 (water motion, distribution, *Ephemerella inermis*, *Baetis tricaudatus*, Pembina R., Alta.)
- (7) :
 1343 (locomotion, stratified flow, juveniles, chinook salmon)
- (8) :
 1390 (avoidance reactions, camouflage, juveniles, brook trout, Ont.)
- TF 1511
 (avoidance reactions, purse seines, sockeye salmon, B.C.)
- 1512
 (acidification, behavioral responses, *Acroneuria lycorias*)
- 1558
 (settling behavior, colonization, rivers, invertebrates, Nfld.)
- TS 5255
 (hawl-out behavior, harbor seal, Iceland)
- BENTHOS**
- J 44(3) :
 515 (indicator species, long-term changes, L. Michigan)
- TF 1487
 (check lists, L. Huron, Georgian Bay, Ont.)
- 1537
 (check lists, benthic invertebrates, Ungava Bay, Que.)
- 1561
 (check lists, invertebrates, Westfield R., N.S.)
- DF 612
 (biological sampling, Campbell R. estuary, Discovery Passage, Vancouver I., B.C.)
- TH 84
 (geographical distribution, population number, invertebrates, Boundary Bay, Mud Bay, B.C.)
- 85
 (geographical distribution, population number, invertebrates, off SW Vancouver I., B.C.)
- 88
 (check lists, biomass, invertebrates, Hecate Strait, NE Pac.)
- 89
 (pollution, mining, invertebrates, Alice Arm, B.C.)
- TS 5267
 (pollution effects, fish farms, Sipo Bay, Finland)
- BERING SEA**
- J 44(6) :
 1143 (population number, annual variation, tanner crabs, S Bering Sea)
- (11) :
 1972 (diet, cannibalism, walleye pollock, E Bering Sea)
- BIOGEOGRAPHY**
- J 44(3) :
 556 (genetic variation, postglacial dispersal, northern pike, North America)
- BLOATER (*Coregonus hoyi*)**
- J 44(2) :
 467 (predation, food availability, larvae, alewife)
- BLUEGILL (*Lepomis macrochirus*)**
- J 44(9) :
 1629 (thermoregulation, predation)
- Boreogadus saida (see COD, ARCTIC)**
- :
 *Brachydanio rerio* (see ZEBRAFISH)
- BRITISH COLUMBIA (PROVINCE), CANADA (see also NORTHEAST PACIFIC OCEAN)**
- J 44(1) :
 152 (growth, fecundity, weathervane scallop)
- (2) :
 244 (population structure, environmental effects, chum salmon)
- :
 262 (migrations, habitat selection, juveniles, coho salmon, cutthroat trout, steelhead trout, Carnation Creek)
- :
 271 (growth, stocking density, juveniles, steelhead trout)
- :
 316 (hatchery methods, tagging-recapture data, Pacific salmons)
- :
 327 (analytical techniques, migration studies, chinook salmon, Robertson Creek hatchery, Vancouver I.)
- :
 348 (swimming, velocity, pink salmon, Fraser R., Thompson R.)
- :
 476 (spawning, lentic environment, Pacific lamprey, Babine L.)
- (4) :
 712 (mortality, body size, juveniles, sockeye salmon, Babine L.)
- :
 822 (stock identification, regional differences, coho salmon, S B.C.)
- :
 905 (age determination, methodology, sablefish)
- (5) :
 941 (predation, common merganser, Pacific salmons, E Vancouver I.)
- :
 950 (predation, common merganser, Pacific salmons, E Vancouver I.)
- :
 982 (stock identification, parasitism, smooth pink shrimp, sidestripe shrimp, Barkley Sound, Vancouver I.)
- :
 1002 (models, biomass, seasonal variations, lakes)
- (6) :
 1135 (suspended particulate matter, microbiological analysis, Howe Sound)
- :
 1181 (fishery surveys, spawning populations, Pacific herring)
- :
 1233 (feeding behavior, habitat selection, juveniles, salmonids, Campbell R. estuary, Vancouver I.)
- :
 1247 (habitat improvement, biological production, Keogh R.)
- (9) :
 1551 (recruitment, mathematical models, sockeye salmon, Adams R.)
- (10) :
 1702 (stock identification, genetic variation, chum salmon)
- :
 1779 (parasitism, biological speciation, western brook lamprey, Vancouver I.)
- :
 1796 (fishermen, fishery management, chum salmon)
- (11) :
 1963 (homing behavior, stock identification, parasitism, sockeye salmon)
- TF 1482(1)
 (biological data, resource management, Pacific salmons)
- (2)
 (biological data, resource management, Pacific salmons)

1483	(workshop, habitat improvement)	1943	juveniles, prawn, Howe Sound)
1494	(catch statistics, trolling, Pacific salmons)	1944	(rearing, temperature effects, chinook salmon)
1508	(catch/effort, demersal fisheries)	1946	(fish culture, water quality, iron, chinook salmon)
1511	(avoidance reactions, purse seines, sockeye salmon)	1947	(fish transport, fish culture, salmonids)
1522	(population number, historical account, sockeye salmon, Fraser R.)	1951	(habitat, inventories, marine fish, Newcastle I. Passage, Nanaimo Harbour, Vancouver I.)
1534	(fish culture, anaesthetics, salmonids)	DF 355	(annual reports, stock assessment, fishery management)
1535	(stock identification, fishery management, sockeye salmon, Stikine R.)	428	(tagging, rock sole, Hecate Strait)
1557	(mathematical model, stock assessment, sockeye salmon, Barkley Sound, Vancouver I.)	498	(migrations, tagging, Atlantic herring)
MF 1821	(habitat, mapping, salmonids)	528	(biological sampling, demersal fisheries)
1865	(habitat, evaluation, coho salmon, Koksilah R.)	599	(marking, migrations, salmonids)
1870	(classification systems, escapement, Pacific salmons)	601	(fishery statistics, biological sampling, juveniles, salmonids, Nicola R., Coldwater R.)
1886	(aquaculture techniques, aeration)	609	(escapement, rivers, S B.C.)
1894	(sport fishing, economic analysis)	612	(tagging, recoveries, females, coho salmon)
1897	(stock assessment, potential yield, demersal fisheries)	616	(biological sampling, benthos, Campbell R. estuary, Discovery Passage, Vancouver I.)
1901	(release time, release size, chum salmon, Conuma hatchery)	617	(length, weight, salmonids, Campbell R. estuary, Discovery Passage, Vancouver I.)
1904	(tidal inlets, residence time, juveniles, coho salmon, chum salmon, Squamish R. estuary)	618	(catch statistics, salmonids, Campbell R., Discovery Passage, Vancouver I.)
1908	(sport fishing, catch statistics, salmonids, Vedder-Chilliwack R.)	619	(biological sampling, check lists, zooplankton, Campbell R., Vancouver I.)
1911	(sport fishing, catch statistics, economic analysis)	620	(biological sampling data, Pacific herring)
1913	(morphology, population structure, eulachon, Fraser R. estuary)	621	(landing statistics, stock assessment, Pacific cod, SW Vancouver I.)
1914	(sport fishing, logbooks, salmonids, intertidal B.C.)	622	(length, Pacific cod)
1915	(feeding behavior, stomach content, plankton, chinook salmon, Campbell R., Discovery Passage, Vancouver I.)	623	(fishery surveys, irrigation water, juveniles, salmonids, Nicola R., Coldwater R.)
1916	(population number, prediction, sockeye salmon)	627	(catch/effort, food fishery, salmonids, Fraser R.)
1921	(vegetation mapping, spawning grounds, aquatic plants, Pacific herring, Vancouver I.)	630	(catch statistics, food fish, salmonids)
1922	(fishery surveys, fish eggs, Pacific herring, Vancouver I.)	632	(coded wire tagging, population structure, salmonids, Campbell R. estuary, Discovery Passage, Vancouver I.)
1924	(geographical distribution, abundance, Pacific herring, Vancouver I.)	633	(biological sampling, beach seines, juveniles, pink salmon, chum salmon, Masset Sound, Masset Inlet, Queen Charlotte Is.)
1925	(frozen products, conversion factors, Pacific ocean perch)	639	(underwater noise, catalogues, killer whale)
1926	(ecology, brackishwater environment, Deas Slough, Fraser R. estuary)	640	(tagging, recovery data, white sturgeon, Fraser R.)
1928	(catch/effort, angling, coho salmon, chinook salmon, Vedder-Chilliwack R.)	643 (1)	(biological sampling, beach seines, juveniles, pink salmon, chum salmon, Masset Sound, Masset Inlet, Queen Charlotte Is.)
1929	(stock assessment, catch forecasts, Pacific herring)		(water quality analysis,
1930	(stock assessment, fishery management, demersal fisheries)		
1935	(check lists, copepods, Campbell R. estuary, Discovery Passage, Vancouver I.)		
1936	(fishery surveys, estuaries,		

- temperature monitoring, rivers)  
647 (fish food, chemical analysis,  
Pacific salmons)  
650 (catch statistics, biological data,  
salmonids, Discovery Passage,  
Campbell R. estuary, Vancouver I.)  
651 (fishery surveys, interspecific  
relationships, Pacific cod,  
sablefish, spiny dogfish, Pacific  
herring, SE Vancouver I.)  
653 (catch/effort, logbooks, salmonids)  
IF 179 (experimental fishing, catch/effort,  
flying squid, off B.C.)  
TH 84 (geographical distribution,  
population number, invertebrates,  
Boundary Bay, Mud Bay)  
85 (geographical distribution,  
population number, invertebrates,  
off SW Vancouver I.)  
87 (check lists, marine birds,  
Vancouver I.)  
89 (pollution, mining, invertebrates,  
Alice Arm)  
93 (growth, plankton feeders, Cassin's  
auklet)  
DH 37(2) (physical oceanography, off B.C.)  
(3) (chemical oceanography, off B.C.)  
52 (current meter data, long-term  
records, B.C. coast)  
55 (oceanographic data, shore stations)
- BRYOPHYTA (mosses)  
J 44(51) : 194 (acidification, growth,  
*Sphagnum* spp., Experimental Lakes  
Area, NW Ont.)
- Bufo americanus* (see TOAD, AMERICAN)
- C
- Caddisflies (see TRICHOPTERA)
- Calanus finmarchicus* (see CRUSTACEA)
- CALIFORNIA STATE, USA  
J 44(1) : 130 (nitrogen cycle, Castle L.)  
(6) : 1213 (analytical models, stock  
assessment, fisheries management,  
chinook salmon, Central Valley)
- CANADA (see also Provinces; also Territories)  
J 44(5) : 1053 (stock assessment, fisheries  
management, Pacific hake, W Canada)  
(7) : 1379 (parasitic indicators,  
spawning populations, *Eimeria*  
*sardinae*, Atlantic herring, E  
Canada)  
B 215 (water resources, water management,  
water policy)  
217 (parasites, amphipods, fishes,  
coastal waters)  
TF 1307 (oil and gas industry, drilling  
fluids, winter flounder, E Canada)  
1480 (toxicity, conference)  
1513 (parasites, sealworm, American  
plaice)
- 1556 (environmental effects, recruitment,  
marine fish)  
1575 (water pollution, environmental  
management)  
CH 27 (ocean dumping, pollution effects,  
Pacific region)
- CAPELIN (*Mallotus villosus*)  
J 44(1) : 54 (enclosures, evaluation, larval  
studies)  
(2) : 438 (physical-biological data, time  
series analysis, juveniles, Nfld.)  
(7) : 1326 (larval development, stock  
identification, St. Lawrence R.  
estuary)  
(9) : 1534 (predation rate, mortality,  
jellyfish)  
TF 1499 (parasites, stock identification,  
Helminths, NW Atl.)  
TS 5266 (ensilage, economic analysis,  
Norway)
- Carcinus maenas* (see CRAB, GREEN)
- CARP, COMMON (*Cyprinus carpio*)  
J 44(2) : 304 (feeding behavior, predation,  
juveniles)
- CATFISH, AIR-BREATHING (*Clarias macrocephalus*)  
J 44(8) : 1507 (growth, water depth)
- CATFISH, CHANNEL (*Ictalurus punctatus*)  
J 44(4) : 909 (analytical techniques,  
organoleptic properties, MS)
- Catostomus commersoni* (see SUCKER, WHITE)
- CETACEA (see also names of species)  
J 44(7) : 1289 (histopathology, tumors)  
DH 5(10) (biological oceanography, Beaufort  
Sea)  
(13:2) (biological oceanography, Northwest  
Passage, Arctic)
- CHAETOGASTER spp. n. (Oligochaeta)  
TS 5287 (new records, new species,  
*Chaetogaster paucus*, Ch.  
*grandisetosus*, Ch. *cannibalus*, Ch.  
*ignotus*, Ch. *dissetosus*, Ch.  
*crocodilus*, Ch. *multisetosus*, Ch.  
*gavrilovi*, L. Baikal, Maloe More  
Sound, USSR)
- CHAR, ARCTIC (*Salvelinus alpinus*) (Arctic charr)  
J 44(2) : 373 (acidification, biochemical  
analysis, feeding behavior)  
DF 666 (biological data, population number,  
Diana R., N.W.T.)  
IF 174 (experimental fishing, weirs, Jayco  
R., N.W.T.)
- Charr, Arctic (see CHAR, ARCTIC)
- Chionoecetes opilio* (see CRAB, SNOW)  
spp. (see CRABS, TANNER)



- CRAB, GREEN (*Carcinus maenas*)  
 J 44(10) : 1765 (calcium, amino acids, heart)
- CRAB, SNOW (*Chionoecetes opilio*) (queen crab, spider crab)  
 J 44(11) : 2002 (stock assessment, fishery management, Cape Breton, N.S.)
- CRABS, TANNER (*Chionoecetes spp.*)  
 J 44(6) : 1143 (population number, annual variation, S Bering Sea)
- CRAYFISHES (*Orconectes spp.*)  
 J 44(3) : 591 (feeding behavior, aquatic plants, *Orconectes rusticus*, WI)  
 (S1) : 97 (fecundity, acidification, *Orconectes virilis*, Experimental Lakes Area, NW Ont.)  
 : 107 (calcium, acidification, *Orconectes virilis*, Experimental Lakes Area, NW Ont.)
- Croton tiglium* (see EUPHORBIACEAE)
- CRUISES (see also FISHERIES AND FISHABLE STOCKS)  
 TF 1510 (C.G.S. G.B. Reed, M/V *Free Enterprise No. 1*, biomass surveys, rockfishes, Dixon Entrance, NW Pac.)  
 MF 1917 (C.G.S. G.B. Reed cruise GBR 84C, M.V. Canadian #1 cruise CAN84-1, echo surveys, Pacific herring, Hecate Strait, NE Pac.)  
 1937 (C.G.S. W.E. Ricker, reproductive biology, Pacific cod, English sole, Hecate Strait, NE Pac.)  
 DF 615 (C.G.S. G.B. Reed cruise 85-8, herring survey, Hecate Strait, NE Pac.)  
 651 (M/V *Eastward Ho*, fishery surveys, Pacific hake, sablefish, spiny dogfish, Pacific herring, SE Vancouver I., B.C.)
- CRUSTACEA (see also names of species)  
 J 44(2) : 382 (models, biomass, *Holopedium gibberum*, Plastic L., Ont.)  
 : 478 (reproductive behavior, environmental effects, *Hyalella azteca*, Canadian Shield lakes, Ont.)  
 (6) : 1102 (acidification, tolerance, *Hyalella azteca*, Ont.)  
 : 1112 (acidification, distribution, *Hyalella azteca*, Plastic L., Ont.)  
 (8) : 1510 (organism aggregations, measurement, freshwater lakes, *Hyalella azteca*, Ont.)  
 (11) : 2009 (measurement, egg production, *Calanus finmarchicus*, SW N.S.)  
 B 217 (parasites, amphipods, fishes, coastal waters, Canada)  
 MF 1935 (check lists, copepods, Campbell R. estuary, Discovery Passage, Vancouver I., B.C.)  
 DF 614 (feeding behavior, stomach content, copepods, Arctic cod, Beaufort Sea Shelf)
- IF 177(1) (processed fishery products, raw material)  
 (2) (processed fishery products, biochemical analysis)  
 (3) (processed fishery products, quality evaluation)  
 TS 5315 (vertical distribution, mysids, Baltic Sea)  
 5317 (vertical migrations, diurnal variations, Baltic Sea)
- Cyprinus carpio* (see CARP, COMMON)
- Cystophora cristata* (see SEAL, HOODED)
- D
- DACE, PEARL (*Semotilus marginata*)  
 J 44(S1) : 126 (histopathology, gills, acidification, Experimental Lakes Area, NW Ont.)
- DACE, REDBELLY (*Chrosomus eos*)  
 J 44(S1) : 260 (tracers, aluminum, acidification, Experimental Lakes Area, NW Ont.)
- Davis Strait (see NORTHWEST ATLANTIC OCEAN)
- Delphinapterus leucas* (see WHALE, WHITE) (beluga)
- DENMARK  
 TS 5278 (fishery industry, fishery economics, Esbjerg)  
 5279 (fishery development, limitation analysis, Esbjerg)  
 5281 (fishing vessel equipment, gyroscopes)  
 5303 (pricing, cooperatives, Baltic cod)  
 5304 (fishing industry, bridges, Baltic cod, The Great Belt)
- Diatoms (see ALGAE)
- DIPTERA (two-winged insects)  
 J 44(10) : 1737 (biological development, fecundity, population growth)  
 : 1743 (water temperature, size, reproductive potential)
- DISEASES AND PARASITES  
 J 44(1) : 112 (parasitic control, chemical persistence, Seneca L., NY)  
 : 161 (diseases, immunity, juveniles, coho salmon)  
 : 183 (disease detection, methodology, *Renibacterium salmoninarum*, salmonids)  
 : 206 (disease detection, methodology, *Renibacterium salmoninarum*, chinook salmon)  
 : 219 (vitamin B deficiency, bioassays, rainbow trout)  
 (2) : 368 (bacterial diseases, disease transmission, *Aerococcus viridans* var. *homari*, American lobster,

- (3) : Magdalen Is., Que.)  
 (3) : 685 (viral diseases, erythrocytes, chinook salmon, Columbia R., WA)  
 (5) : 982 (parasitism, stock identification, smooth pink shrimp, sidestripe shrimp, Barkley Sound, Vancouver I., B.C.)  
 : 1071 (viral diseases, disease detection, steelhead trout, sockeye salmon)  
 : 1075 (viral diseases, disease detection, males, sockeye salmon, steelhead trout)  
 (7) : 1289 (histopathology, tumors, whales)  
 : 1379 (parasitic indicators, spawning population, *Eimeria sardiniae*, Atlantic herring, E Canada)  
 (8) : 1425 (muscles, chemical analysis, lakes, walleye, Man., Ont., ND)  
 (9) : 1562 (parasitism, reproduction, pink salmon, sea lamprey, Carp R., E L. Superior)  
 (10) : 1779 (parasitism, biological speciation, streams, western brook lamprey, Vancouver I., B.C.)  
 (11) : 1848 (granulomatosis, aetiology, food organisms, European smelt, North Sea)  
 : 1963 (parasitism, homing behavior, sockeye salmon, B.C.)  
 : 1985 (bubble disease, histopathology, rainbow trout)  
 B 217 (parasites, amphipods, fishes, coastal waters, Canada)  
 TF 1499 (parasites, stock identification, Helminths, capelin, NW Atl.)  
 1513 (parasites, sealworm, American plaice, E Canada)  
 MF 1906 (bubble disease, hydroelectric power plants, Atlantic salmon, American eel, Mactaquac, N.B.)  
 TS 5285 (parasites, Helminths, salmonids, Azabache L., Kamchatka, USSR)  
 5289 (fish diseases, diets, bacteria, yellowtail)  
 5300 (introduced species, parasitic diseases, *Myxosoma cerebralis*, California trout, Yugoslavia)
- DISTRIBUTION AND ABUNDANCE  
 J 44(1) : 77 (population density, food availability, caddisflies, Kintla L., Glacier National Park, MT)  
 (2) : 271 (growth, stocking density, juveniles, steelhead trout, B.C.)  
 (3) : 639 (environmental effects, phytoplankton, Nfld.)  
 (6) : 1143 (population number, annual variation, tanner crabs, S Bering Sea)  
 : 1181 (spawning population, fishery surveys, Pacific herring, B.C.)  
 (8) : 1510 (organism aggregations, measurement, freshwater lakes, *Hyalella azteca*, Ont.)  
 (10) : 1759 (vertical distribution, latitudinal variation, lakes, aquatic plants)  
 (11) : 2025 (size distribution, periphyton, L. Memphremagog, Que.)  
 (12) : 2155 (biomass, check lists, phytoplankton, L. Ontario)  
 : 2164 (vertical distribution, biomass, picoplankton, nanoplankton, L. Ontario)  
 : 2178 (vertical distribution, seasonal variation, zooplankton, L. Ontario)  
 : 2185 (vertical distribution, seasonal variation, Ciliophora, L. Ontario)  
 (S1) : 91 (vertical distribution, acidification, zooplankton, Experimental Lakes Area, NW Ont.)  
 (S2) : 198 (environmental factors, community structure, freshwater fish, Ont., Great Slave L., N.W.T.)  
 TF 1500 (statistical sampling, aerial surveys, bowhead whale, Beaufort Sea)  
 1504 (gill nets, aerial surveys, Atlantic herring, Gulf of St. Lawrence)  
 1509 (echosounding, population number, freshwater fish)  
 1578 (Greenland halibut, deepwater redfish, golden redfish, roundnose grenadier, roughhead grenadier, Davis Strait, NW Atl.)  
 MF 1772 (pink salmon, L. Huron)  
 1907 (population structure, kelp, N.S.)  
 1924 (Pacific herring, W Vancouver I., B.C.)  
 DF 575 (abundance, check lists, phytoplankton, Frobisher Bay, Arctic)  
 624 (seasonal distribution, seasonal abundance, walrus, Hudson Bay, Hudson Strait, Arctic)  
 666 (biological data, population number, Arctic char, Diana R., N.W.T.)  
 TH 84 (benthos, invertebrates, Boundary Bay, Mud Bay, B.C.)  
 85 (benthos, invertebrates, off SW Vancouver I., B.C.)  
 TS 5250 (geographical distribution, new records, *Barbourisia rufa*, *Aphyonus gelatinosus*, Indian Ocean)  
 5258 (census, juveniles, grey seal, Iceland)  
 5315 (vertical distribution, mysids, Baltic Sea)  
 5316 (migrations, marine mammals, Spitsbergen)  
 DNA (Deoxyribonucleic acid) (see PHYSIOLOGY AND BIOCHEMISTRY)  
 DOGFISH, SPINY (*Squalus acanthias*)  
 DF 651 (fishery surveys, interspecific

relationships, Pacific cod, sablefish, Pacific herring, SE Vancouver I., B.C.)

## E

## ECONOMICS AND SOCIOLOGY

- J 44(3) : 674 (economic analysis, marketing, European oyster, Maritime Provinces)  
 (S2) : 289 (fishery management, economic analysis, yellow perch, Green Bay, L. Michigan)  
 : 306 (fishery management, sociological aspects, Great Lakes)  
 TF 1503 (mathematical models, sport fishing)  
 1529 (fishing vessel analysis, computer programs, Nfld.)  
 1530 (fishery surveys, economic analysis, redfish, Nfld.)  
 1549 (bibliographies, fishery science, sociological aspects, Maritime Provinces, Nfld., Labrador)  
 MF 1894 (sport fishing, economic analysis, B.C.)  
 1911 (sport fishing, catch statistics, economic analysis, B.C.)  
 TS 5246 (marketing, Atlantic herring, Norway)  
 5246(Rev) (fishing industry, marketing, Atlantic herring, Norway)  
 5249 (marketing, fishery products, Singapore, Hong Kong)  
 5259 (resource management, economic analysis, Atlantic herring, Norway)  
 5260 (fishery economics, fishing vessels, Norway)  
 5261 (fishery economics, sociological aspects, Norway)  
 5262 (fishing fleet, economic analysis, Norway)  
 5263 (fuel economy, fishing vessels, Norway)  
 5264 (marketing, economic analysis, blue mussel, Norway)  
 5265 (financial management, fishery industry, Norway)  
 5266 (ensilage, economic analysis, capelin, Norway)  
 5278 (fishery industry, fishery economics, Esbjerg, Denmark)  
 5279 (fishery development, limitation analysis, Esbjerg, Denmark)  
 5280 (fishery development, economic analysis, Atlantic herring, North Sea)  
 5284 (fish farms, sociological effects, Finland)  
 5301 (fishing vessels, cost analysis, Norway)  
 5303 (pricing, cooperatives, Baltic cod, Denmark)  
 5307 (fishing vessels, cost analysis, Norway)  
 5308 (fishing vessels, cost analysis, Norway)  
 5309 (fishing vessels, economic analysis, Norway)

- 5310 (fishing vessels, economic analysis, Norway)  
 5311 (fishing vessels, economic analysis, Norway)  
 5312 (fishing vessels, cost analysis, Norway)  
 5319 (aquaculture techniques, economic analysis, American lobster, Magdalen Is., Que.)  
 5324 (employment, fish farming, Norway)

EEL, AMERICAN (*Anguilla rostrata*)

- MF 1906 (bubble disease, hydroelectric power plants, Mactaquac, N.B.)

*Eimeria sardinae* (see PROTOZOA)

## ENGLAND

- J 44(S2) : 216 (recruitment, temperature, yellow perch, northern pike, L. Windermere, Cumbria)

## Enteromorpha spp. (see ALGAE)

## ENVIRONMENTAL EFFECTS

- J 44(1) : 26 (recruitment, climate, Atlantic cod, haddock, NW Atl.)  
 : 48 (growth, density dependence, English sole, OR, WA)  
 (2) : 244 (population structure, spawning populations, chum salmon, B.C.)  
 : 408 (sea surface temperature, catch/effort, pelagic fishes, Ivory Coast)  
 : 478 (biotic factors, reproductive behavior, *Hyalella azteca*, Canadian Shield lakes, Ont.)  
 (3) : 598 (primary production, blue-green algae, L. St. George, Ont.)  
 : 639 (distribution, lakes, phytoplankton, Nfld.)  
 (6) : 1207 (vertebrae, genomes, sockeye salmon)  
 (7) : 1326 (stock identification, larval development, capelin, St. Lawrence R. estuary)  
 (8) : 1397 (migrations, coho salmon, Deschutes R., WA)  
 : 1462 (photoperiods, osmoregulation, juveniles, Atlantic salmon)  
 : 1485 (sea temperature, fecundity, Pacific herring, B.C.)  
 : 1507 (growth, water depth, air-breathing catfish)  
 (9) : 1568 (yield predictions, landing statistics, marine fishes, shellfish, Gulf of St. Lawrence, Gulf of Maine, NW Atl.)  
 : 1603 (water temperature, interspecific relationships, redeye shiner, steelhead trout, W OR)  
 : 1640 (irradiance, community composition, algae)  
 : 1658 (water temperature, development rate, Odonata)  
 : 1666 (surface waves, water depth,

- (10) : 1684 (El Niño phenomenon, growth, mortality, Peruvian scallop, off Pisco, Peru)  
 : 1729 (coastal upwelling, fouling organisms, *Oikopleura* spp., E Nfld.)  
 : 1743 (water temperature, size, reproductive potential, aquatic Diptera)  
 : 1753 (light effects, primary production, *Scenedesmus obliquus*)  
 : 1791 (flooding, spawning, sockeye salmon)  
 (12) : 2118 (light, temperature, photosynthesis, plankton, L. Ontario)  
 (S2) : 198 (abundance, community structure, freshwater fish, Ont., Great Slave L., N.W.T.)  
 : 216 (temperature, recruitment, yellow perch, northern pike, L. Windermere, Cumbria, England)  
 TF 1517 (growth, genotypes, chum salmon)  
 1556 (recruitment, marine fish, Canada)  
 1562 (water temperature, weather, Atlantic cod, Conception Bay, Nfld.)  
 DF 626 (temperature, embryonic development, fish eggs, salmonids)
- ENVIRONMENTAL IMPACT**
- J 44(1) : 66 (habitat improvement, fishways, sockeye salmon, Frazer L., Kodiak I., AK)  
 : 83 (nutrient enrichment, species composition, phytoplankton)  
 : 210 (turbines, mortality, juveniles, Atlantic salmon)  
 (4) : 702 (temperature, light, kelt, Atlantic salmon)  
 (8) : 1408 (impoundments, primary production, Southern Indian L., Man.)  
 (S1) : 6 (ecosystem disturbance, man-induced effects, Experimental Lakes Area, NW Ont.)  
 TF 1498 (dredging, freshwater fish, Hamilton Harbour, Ont.)  
 1522 (population number, historical account, sockeye salmon, Fraser R., B.C.)  
 MF 1906 (hydroelectric power plants, bubble disease, Atlantic salmon, American eel, Mactaquac, N.B.)  
 TS 5304 (fishing industry, bridges, Baltic cod, The Great Belt, Denmark)
- Ephemera* (see EPHEMEROPTERA)
- EPHEMEROPTERA (mayflies)**
- J 44(4) : 832 (water motion, distribution, *Ephemera inermis*, *Baetis tricaudatus*, Pembina R., Alta.)  
 (9) : 1652 (acidification, streams, Algonquin Park, Ont.)  
 TF 1485 (feeding behavior, Atlantic salmon, St. Croix R., N.B.)
- ERIE, LAKE, AMERICA**
- J 44(S2) : 15 (population dynamics, fishery management, walleye)  
 : 61 (models, errors, quota regulations, walleye)  
 : 166 (potential yield, chlorophylls, walleye)  
 TS 5333 (pollution effects, PCBs, rainbow smelt)
- Esox lucius* (see PIKE, NORTHERN)
- EULACHON (*Thaleichthys pacificus*)**
- MF 1913 (morphology, population structure, Fraser R. estuary, B.C.)
- EUPHORBIACEAE**
- J 44(7) : 1358 (biological poisons, oxygen concentration, *Croton tiglium*, zebrafish)
- EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO**
- J 44(4) : 736 (metabolism, nitrogen, *Chrysocromulina brevitirrita*)  
 : 750 (methyl mercury, acidification)  
 (S1) : 3 (limnology, research progress)  
 : 6 (environmental monitoring, ecosystem disturbance)  
 : 26 (eutrophication, fertilizers)  
 : 35 (nutrients, phytoplankton)  
 : 47 (primary production, fertilizers, phytoplankton)  
 : 55 (population dynamics, fertilizers, lake whitefish)  
 : 74 (radioactive tracers, sorption, sediments)  
 : 83 (acidification, light attenuation, phytoplankton)  
 : 91 (vertical distribution, acidification, zooplankton)  
 : 97 (fecundity, acidification, crayfishes)  
 : 107 (calcium, acidification, crayfishes)  
 : 114 (growth, recruitment, acidification, freshwater fish)  
 : 126 (acidification, histopathology, gills, fathead minnow)  
 : 135 (acidification, periphyton)  
 : 150 (respiration, light, acidification, periphyton)  
 : 163 (cadmium, acidification, zooplankton)  
 : 173 (biotic factors, abiotic factors, neutralizing acidity)  
 : 194 (acidification, growth, *Sphagnum* spp.)  
 : 206 (acid rain, chemical pollutants)  
 : 214 (radioisotopes, acid rain, sediments)  
 : 231 (sediment mixing, radioactive tracers)  
 : 251 (radioactive tracers, trace metals, sediments)  
 : 260 (tracers, aluminum, acidification, redbelly dace)

- TF 1476 : 264 (dry weight, organism morphology, zooplankton)  
 (acidification, growth, white sucker)  
 1551 (monitoring, acidification, wetlands)  
 DF 629 (physical limnology, light attenuation)  
 648 (temperature profiles)

## F

## FINLAND

- TS 5251 (aquaculture effluents, pollution effects, rainbow trout, Archipelagic Sea)  
 5267 (fish farms, pollution effects, benthos, Sipoo Bay)  
 5268 (pollution effects, fish farms)  
 5269 (pollution effects, fish farms, Archipelagic Sea)  
 5271 (fish culture, pollution control planning)  
 5272 (fish culture, pollution control)  
 5273 (fish farms)  
 5274 (aquaculture effluents, phosphorus, rainbow trout)  
 5275 (fish culture, licenses)  
 5276 (fish culture, licensing)  
 5283 (pollution control, phosphorus)  
 5284 (fish farms, sociological effects)

## FISH HANDLING

- TF 1354 (quality control, grading, Atlantic cod, Nfld.)  
 1399 (food poisoning, histamines, Atlantic mackerel)  
 MF 1925 (frozen products, conversion factors, Pacific ocean perch, B.C.)  
 IF 176 177(1) (processed fishery products, raw material, Atlantic cod, crustaceans)  
 (2) (processed fishery products, biochemical analysis, Atlantic cod, crustaceans)  
 (3) (processed fishery products, quality evaluation, crustaceans)  
 178F (processed fishery products, product development)  
 182 (equipment, body size, Nfld.)  
 TS 5249 (fishery products, marketing, Singapore, Hong Kong)  
 5253 (trash fish, chilled products, Norway)  
 5254 (processing fishery products, freezing, Atlantic herring, Norway)  
 5266 (ensilage, economic analysis, capelin, Norway)  
 5282 (legislation, cured fish production, Norway)  
 5298 (processed fishery products, waste utilization, Norway)  
 5299 (fish pumps, blue whiting, Norway)  
 5302 (fishery products, quality control, Sweden)  
 5318 (pneumatic transport, trawl fish, Norway)

- 5323 (processing fishery products, salted fish, Iceland)  
 5325 (processing fishery products, gutting, Atlantic cod, Iceland)  
 5326 (quality assurance, minced products, walleye pollock, Japan)

## FISHERIES AND FISHABLE STOCKS

- J 44(2) : 282 (aerial surveys, stock assessment, juveniles, hooded seal, NW Atl.)  
 : 408 (catch/effort, environmental effects, pelagic fisheries, Ivory Coast)  
 : 422 (stock assessment, length, fishery data)  
 (3) : 525 (predation, Pacific herring, Pacific salmons, river lamprey, Strait of Georgia, NE Pac.)  
 : 583 (community composition, approximation)  
 (4) : 793 (catch/effort, population density, reef fish, Strait of Georgia, NE Pac.)  
 : 803 (overexploitation, rehabilitation)  
 : 811 (echo surveys, population density, cisco, WI)  
 : 866 (stock identification, fisheries management, sockeye salmon, NE Pac.)  
 (5) : 924 (mathematical models, body weight, fisheries management)  
 : 967 (stock assessment, analytical errors, marine fish, NW Atl.)  
 : 982 (stock identification, parasitism, smooth pink shrimp, sideswipe shrimp, Barkley Sound, Vancouver I., B.C.)  
 : 1024 (echo surveys, seine catches, marine fish)  
 : 1053 (stock assessment, fisheries management, Pacific hake, USA, Canada)  
 (6) : 1122 (stock assessment, tagging, skipjack tuna, W Pac.)  
 : 1181 (surveys, spawning populations, Pacific herring, B.C.)  
 : 1213 (analytical models, stock assessment, fisheries management, chinook salmon, Central Valley, CA)  
 : 1267 (echo surveys, stock assessment, longfinned squid, OR)  
 (7) : 1366 (models, fisheries exploitation, spatial variations)  
 : 1370 (mathematical models, variable marine fisheries, fishery management)  
 : 1375 (mathematical models, life history, recruitment)  
 (9) : 1544 (acoustic surveys, stock assessment, blue whiting, rockfishes, NE Atl., NE Pac.)  
 : 1568 (environmental effects, yield predictions, landing statistics, marine fishes, shellfish, Gulf of St. Lawrence, Gulf of Maine, NW Atl.)

- (10) : 1796 (fishermen, fishery management, chum salmon, S B.C.)
- (11) : 1879 (stock assessment, fishery management, English sole, NE Pac.)
- : 1890 (catch statistics, tidal cycles, NW Atl.)
- : 2002 (stock assessment, fishery management, snow crab, Cape Breton, N.S.)
- (S2) : 7 (stock assessment, yield predictions, freshwater fish, Great Lakes)
- : 10 (interspecific relationships, freshwater fish, South Bay, L. Huron)
- : 15 (population dynamics, fishery management, walleye, L. Erie)
- : 23 (stock assessment, fishery management, freshwater fish, L. Superior)
- : 61 (models, errors, quota regulations, walleye, L. Erie)
- : 68 (stock assessment, ecological approach, freshwater fish)
- : 75 (models, harvesting, fishery management)
- : 84 (ecological stability, interspecific relationships, multispecies fisheries)
- : 129 (gear selectivity, gill nets, lake whitefish, L. Huron)
- : 156 (stock assessment, ecosystem disturbance, yield predictions)
- : 166 (potential yield, chlorophylls, walleye, L. Erie)
- : 171 (time series analysis, catch/effort, yield predictions, freshwater fish, L. Superior)
- : 267 (models, fishery management)
- : 275 (biomass, fishery management, lake herring, Thunder Bay, Black Bay, L. Superior)
- : 289 (fishery management, economic analysis, yellow perch, Green Bay, L. Michigan)
- : 298 (bioeconomic analysis, interspecific relationships, alewife, salmonids, L. Michigan)
- : 306 (fishery management, sociological aspects, Great Lakes)
- : 324 (stock assessment, methodology)
- : 339 (models, fishing mortality, fishery management, Pacific halibut, walleye, Pacific cod)
- : 349 (potential yield, multispecies fisheries, flatfishes, OR)
- : 360 (stock assessment, multispecies fisheries, North Sea)
- : 384 (yield predictions, sterility, chinook salmon, L. Michigan)
- : 411 (yield predictions, fishery management, freshwater fish, Great Lakes)
- : 417 (yield predictions, rehabilitation, freshwater fish, Great Lakes)
- : 425 (fishery management, policies, lake trout, Great Lakes)
- : 431 (stock assessment, evaluation, freshwater fish, Great Lakes)
- : 439 (fishery management, fishery data, Great Lakes)
- : 448 (fishery management, ecological associations, freshwater fish)
- : 471 (yield predictions, methodology, freshwater fish, Great Lakes, L. Winnipeg, Man.)
- : 486 (fishery management, community rehabilitation, freshwater fish, Great Lakes)
- SP 96 (fishery biology, fishery management, sockeye salmon)
- TF 1355(Rev) (training aids, fishery management, marine fish, Nfld.)
- 1482(1) (biological data, resource management, Pacific salmonids, B.C.)
- (2) (biological data, resource management, Pacific salmonids, B.C.)
- 1494 (catch statistics, trolling, Pacific salmonids, B.C.)
- 1500 (statistical sampling, aerial surveys, bowhead whale, Beaufort Sea)
- 1504 (gill nets, aerial surveys, Atlantic herring, Gulf of St. Lawrence)
- 1508 (catch/effort, demersal fisheries, B.C.)
- 1510 (biomass surveys, rockfishes, Dixon Entrance, NE Pac.)
- 1511 (avoidance reactions, purse seines, sockeye salmon, B.C.)
- 1530 (fishery surveys, economic analysis, redfish, Nfld.)
- 1532 (fishery surveys, juveniles, demersal fishes, Sable I., N.S.)
- 1535 (stock identification, fishery management, sockeye salmon, Stikine R., B.C.)
- 1538 (stock assessment, biomass, juveniles, Atlantic salmon, brook trout, Highlands R., St. George's Bay, Nfld.)
- 1543 (resource management, hunting statistics, Keewatin, N.W.T.)
- 1544 (resource management, hunting statistics, Keewatin, N.W.T.)
- 1548 (exploratory fishing, stock assessment, Iceland scallop, St. Pierre Bank, NW Atl.)
- 1550 (fisheries research programs, historical account, Georges Bank, NW Atl.)
- 1555 (tagging, potential yield, American plaice, St. Margaret's Bay, N.S.)
- 1557 (stock assessment, mathematical models, sockeye salmon, Barkley Sound, Vancouver I., B.C.)
- 1568 (physical oceanography, commercial fishing, NW Atl.)
- MF 1897 (stock assessment, potential yield, demersal fisheries, B.C.)

1899	(hunting statistics, walrus, Foxe Basin, N.W.T.)		Masset Sound, Masset Inlet, Queen Charlotte Is., B.C.)
1903	(catch/effort, stock assessment, rockfishes, Strait of Georgia, NE Pac.)	635	(fishery surveys, biological data, fishes, Phillips Bay, Beaufort Sea)
1905	(stock assessment, Pacific cod, Strait of Georgia, Strait of Juan de Fuca, NE Pac.)	636	(fishery surveys, juveniles, Pacific salmonids, Hecate Strait, NE Pac.)
1916	(population number, prediction, sockeye salmon, B.C.)	640	(biological sampling, beach seines, juveniles, pink salmon, chum salmon, Masset Sound, Masset Inlet, Queen Charlotte Is., B.C.)
1917	(echo surveys, stock assessment, Pacific herring, Hecate Strait, NE Pac.)	641	(stock assessment, fishery management, lake whitefish, Great Slave L., N.W.T.)
1922	(fishery surveys, fish eggs, Pacific herring, Vancouver I., B.C.)	650	(catch statistics, biological data, salmonids, Discovery Passage, Campbell R. estuary, Vancouver I., B.C.)
1923	(biological sampling, Atlantic herring, Scotia-Fundy Region)	651	(fishery surveys, interspecific relationships, Pacific hake, sablefish, spiny dogfish, Pacific herring, SE Vancouver I., B.C.)
1929	(stock assessment, catch forecasts, Pacific herring, B.C.)	653	(catch/effort, logbooks, salmonids, B.C.)
1930	(stock assessment, fishery management, demersal fisheries, B.C.)	660	(fishery surveys, biological data, freshwater fishes, la Martre R., N.W.T.)
1934	(fishery surveys, stock assessment, lingcod, Strait of Georgia, NE Pac.)	662	(fishery statistics, historical account, Atlantic cod, Nfld.)
1936	(fishery surveys, estuaries, juveniles, prawn, Howe Sound, B.C.)	664	(fishery surveys, fishways, Atlantic salmon, Beechwood Dam, N.B.)
1938	(fishery surveys, fishways, Atlantic salmon, alewife, Magaguadavic R., N.B.)	IF 174	(experimental fishing, weirs, Arctic char, Jayco R., N.W.T.)
1947	(habitat, inventories, marine fish, Newcastle I. Passage, Nanaimo Harbour, Vancouver I., B.C.)	179	(experimental fishing, catch/effort, flying squid, off B.C.)
1951	(annual reports, stock assessment, fishery management, B.C.)	TS 5246(Rev)	(fishing industry, marketing, Atlantic herring, Norway)
DF 498	(biological sampling, demersal fisheries, B.C.)	5247	(fishery industry, information services, Pacific region)
599	(fishery statistics, biological sampling, juveniles, salmonids, Nicola R., Coldwater R., B.C.)	5248	(fishery industry, quality, Norway)
613	(fishery surveys, fishery development, freshwater lakes, N.W.T.)	5259	(resource management, economic analysis, Atlantic herring, Norway)
615	(fishery surveys, feeding behavior, Pacific herring, Hecate Strait, NE Pac.)	5265	(financial management, fishery industry, Norway)
616	(length, weight, salmonids, Campbell R. estuary, Discovery Passage, Vancouver I., B.C.)	5270	(power plant, pollution control, reservoir fisheries, Sweden)
617	(catch statistics, salmonids, Campbell R., Discovery Passage, Vancouver I., B.C.)	5278	(fishery industry, fishery economics, Esbjerg, Denmark)
619	(sampling data, Pacific herring, B.C.)	5279	(fishery development, limitation analysis, Esbjerg, Denmark)
620	(landing statistics, stock assessment, Pacific cod, SW Vancouver I., B.C., Queen Charlotte Sound, Hecate Strait, NE Pac.)	5280	(fishery development, economic analysis, Atlantic herring, North Sea)
622	(fishery surveys, irrigation water, juveniles, salmonids, Nicola R., Coldwater R., B.C.)	5281	(fishing vessels, equipment, gyroscopes, Denmark)
623	(catch/effort, food fishery, salmonids, Fraser R., B.C.)	5301	(fishing vessels, cost analysis, Norway)
627	(catch statistics, food fish, salmonids, B.C.)	5305	(by catch, evaluation, gadoids, Denmark)
632	(biological sampling, beach seines, juveniles, pink salmon, chum salmon, Norway)	5307	(fishing vessels, cost analysis, Norway)
		5308	(fishing vessels, cost analysis, Norway)
		5309	(fishing vessels, economic analysis, Norway)

- 5310 (fishing vessels, economic analysis, Norway)  
 5311 (fishing vessels, economic analysis, Norway)  
 5312 (fishing vessels, cost analysis, Norway)  
 5313 (fishing vessels, activity analysis, Norway)  
 5314 (fishing vessels, activity analysis, Norway)
- FISHES**
- J 44(1) : 3 (pollution effects, trace metals, freshwater fish, Ont.)  
 : 222 (mathematical models, predation, fish larvae)  
 (2) : 236 (predation, biotic factors, juveniles, chum salmon, Big Beef Creek, WA)  
 : 399 (migrations, bioenergetics, anadromous fishes)  
 (8) : 1432 (acidification, survival, freshwater fish, Adirondack region, NY)  
 (11) : 1915 (acoustics, stock assessment)  
 : 1995 (nutritional requirements, proteins)  
 (S1) : 114 (growth, recruitment, acidification, Experimental Lakes Area, NW Ont.)  
 (S2) : 141 (interspecific relationships, recruitment, freshwater fish, zooplankton, L. Michigan)  
 : 148 (biological production, biomass, Bay of Quinte, L. Ontario)
- B 217 (parasites, amphipods, coastal waters, Canada)
- TF 1498 (dredging, freshwater fish, Hamilton Harbour, Ont.)  
 1509 (echosounding, population number, freshwater fish)  
 1531 (stock identification, morphometry)  
 1556 (environmental effects, recruitment, marine fish, Canada)
- MF 1874 (acid rain, freshwater fishes, Ont.)  
 1898 (check lists, freshwater fish, lakes, Ont.)
- DF 610 (mercury sources, forage fish, Churchill R., Man.)  
 635 (fishery surveys, biological data, Phillips Bay, Beaufort Sea)  
 660 (fishery surveys, biological data, la Martre R., N.W.T.)
- TS 5256 (physiology, teeth)  
 5323 (processing fishery products, salted fish, Iceland)
- Flatfishes (see HETEROSOMATA)
- FLOUNDER, WINTER** (*Pseudopleuronectes americanus*)
- J 44(7) : 1270 (carcinogens, cytochromes, off MA)  
 (11) : 1936 (length, age, metamorphosis, Conception Bay, Nfld.)  
 TF 1307 (oil and gas industry, drilling fluids, E Canada)
- FLOUNDER, YELLOWTAIL** (*Limanda ferruginea*)
- J 44(2) : 357 (food selection, Georges Bank, NW Atl.)
- FOOD AND FEEDING**
- J 44(1) : 14 (growth, food availability, juveniles, haddock, Atlantic cod, Georges Bank, NW Atl.)  
 : 77 (population density, food availability, caddisflies, Kintla L., Glacier National Park, MT)  
 : 192 (growth, competition, juveniles, chum salmon)  
 : 227 (chlorine compounds, toxicity, fish larvae, white sucker)  
 (2) : 304 (feeding behavior, predation, juveniles, common carp, northern pike)  
 : 357 (food selection, yellowtail flounder, Georges Bank, NW Atl.)  
 : 467 (food availability, predation, larvae, bloater, alewife)  
 (3) : 549 (feeding behavior, prey selection, yellow perch)  
 : 591 (feeding behavior, aquatic plants, crayfishes, WI)  
 (4) : 758 (feeding behavior, prey selection, juveniles, walleye, Sparkling L., WI)  
 (6) : 1195 (circadian rhythms, activity patterns, juveniles, American lobster)  
 : 1233 (stomach content, habitat selection, juveniles, salmonids, Campbell R. estuary, Vancouver I., B.C.)  
 (8) : 1433 (diets, growth, heavy metals, juveniles, American lobster)  
 (9) : 1658 (food availability, development rate, Odonata)  
 (10) : 1714 (feeding behavior, pesticides, zooplankton)  
 : 1768 (nutrients, community composition, freshwater, phytoplankton)  
 (11) : 1848 (food organisms, granulomatosis, aetiology, European smelt, North Sea)  
 : 1972 (diets, cannibalism, walleye pollock, E Bering Sea)
- TF 1485 (feeding behavior, mayflies, caddisflies, Atlantic salmon, St. Croix R., N.B.)
- MF 1915 (feeding behavior, stomach content, plankton, chinook salmon, Campbell R., Discovery Passage, Vancouver I., B.C.)
- DF 558 (feeding behavior, stomach content, phytoplankton, zooplankton, Frobisher Bay, Arctic)
- 614 (feeding behavior, stomach content, copepods, Arctic cod, Beaufort Sea Shelf)
- 647 (fish food, chemical analysis, Pacific salmons, B.C.)
- TS 5244 (animal reproductive organs, feeding

- experiments, kelp, Japanese sea urchin, Hokkaido, Japan)  
5257 (harbor seal, grey seal, Iceland)
- Foraminifera (see PROTOZOA)
- Frobisher Bay (see ARCTIC)
- Fundulus heteroclitus* (see MUMMICHOOG)
- Fundy, Bay of (see NORTHWEST ATLANTIC OCEAN)
- G
- GADIDAE  
TS 5305 (by catch, evaluation, Denmark)
- Gadus macrocephalus* (see COD, PACIFIC)  
*morhua* (see COD, ATLANTIC; COD, BALTIC)
- Gasterosteus aculeatus* (see STICKLEBACK, THREE-SPINE)
- Genera, new (see NEW GENERA)
- GENETICS
- J 44(3) : 490 (stock identification, electrophoresis, Pacific cod, N Pac.)  
: 556 (genetic variation, postglacial dispersal, northern pike, North America)  
: 573 (stock identification, electrophoresis, coastal cutthroat trout, Puget Sound, WA)  
(4) : 765 (stock identification, electrophoresis, chinook salmon, AK)  
: 787 (stock identification, introduced species, pink salmon, Great Lakes)  
: 822 (stock identification, regional differences, coho salmon, S B.C.)  
(7) : 1301 (stock identification, DNA, chinook salmon, NE Pac.)  
(10) : 1702 (genetic variation, stock identification, chum salmon, B.C.)  
: 1775 (stock identification, phenotypic variations, brown trout, Norway)  
(11) : 1830 (stock identification, hybridization, cutthroat trout, Glacier National Park, MT)  
TS 5329 (fish culture, sex reversal, rainbow trout, Japan)
- Georges Bank (see NORTHWEST ATLANTIC OCEAN)
- Georgia, Strait of (see NORTHEAST PACIFIC OCEAN)
- GEORGIA STATE, USA  
J 44(8) : 1469 (biological production, population dynamics, *Barbidiurus paucisetosus*, Ogeechee R.)
- GRAYLING, ARCTIC (*Thymallus arcticus*)  
J 44(3) : 658 (placer mining, sediments, Yukon R., Y.T.)  
DF 642 (catch/effort, sport fishing, Kakisa R., N.W.T.)
- GREAT LAKES, AMERICA (see also names of lakes)  
J 44(4) : 787 (stock identification, introduced species, pink salmon)  
(S2) : 7 (stock assessment, yield predictions, freshwater fish)  
: 95 (habitat improvement, habitat degradation, ecosystems)  
: 104 (interspecific relationships, ecological balance, freshwater fish)  
: 249 (colonization, interspecific relationships, freshwater fish, rainbow smelt, Great Lakes region)  
: 306 (fishery management, sociological aspects)  
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1521(1)	(acidification, fossil diatoms, freshwater lakes)	
(2)	(acidification, fossil diatoms, freshwater lakes)	
1529	(fishery economics, vessel analysis, computer programs)	
1530	(fishery surveys, economic analysis, redfish)	
1538	(stock assessment, biomass, juveniles, Atlantic salmon, brook trout, Highlands R., St. George's Bay)	
1549	(bibliographies, fishery science, sociological aspects)	
1558	(colonization, settling behavior, rivers, invertebrates)	
1562	(water temperature, weather, Atlantic cod, Conception Bay)	
MF 1931	(brood stocks, aquaculture regulations, Atlantic salmon)	
DF 662	(fishery statistics, historical account, Atlantic cod)	
NORTH AMERICA		
J 44(3)	: 556 (genetic variation, postglacial dispersal, northern pike)	
(5)	: 960 (phosphorus, sediments, lakes, E North America)	
(6)	: 1165 (trace metals, marshes, NE North America)	
NORTH CAROLINA STATE, USA		
J 44(4)	: 901 (age determination, otoliths, mountain brook lamprey, Bent Creek)	
NORTH DAKOTA STATE, USA		
J 44(8)	: 1425 (diseases, muscles, chemical analysis, lakes, walleye)	
NORTH PACIFIC OCEAN		
TF 1518	(bibliographies, Pacific cod)	
NORTH SEA		
J 44(11)	: 1848 (granulomatosis, aetiology, food organisms, European smelt)	
(S2)	: 360 (stock assessment, multispecies fisheries)	
TS 5280	(fishery development, economic analysis, Atlantic herring)	
NORTHEAST ATLANTIC OCEAN		
J 44(9)	: 1544 (acoustic surveys, stock assessment, blue whiting)	
NORTHEAST PACIFIC OCEAN		
J 44(4)	: 793 (catch/effort, population density, reef fish, Strait of Georgia)	
	: 866 (stock identification, fisheries management, sockeye salmon)	
(7)	: 1301 (stock identification, DNA, chinook salmon)	
(9)	: 1544 (acoustic surveys, stock assessment, rockfishes)	
(11)	: 1879 (stock assessment, fishery management, English sole)	
TF 1510	(biomass surveys, rockfishes, Dixon Entrance)	
MF 1903	(catch/effort, stock assessment, rockfishes, Strait of Georgia)	
1905	(stock assessment, Pacific cod, Strait of Georgia, Strait of Juan de Fuca)	
1912	(stock identification, tagging, rock sole, Hecate Strait)	
1917	(echo surveys, stock assessment, Pacific herring, Hecate Strait)	
1934	(fishery surveys, stock assessment, lingcod, Strait of Georgia)	
1937	(reproductive biology, population dynamics, Pacific cod, English sole, Hecate Strait)	
DF 615	(fishery surveys, feeding behavior, Pacific herring, Hecate Strait)	
620	(landing statistics, stock assessment, Pacific cod, Queen	

636	Charlotte Sound, Hecate Strait) (fishery surveys, juveniles, Pacific salmons, Hecate Strait)	1544	statistics, Keewatin) (resource management, hunting statistics, Keewatin)
652	(sexual maturity, length, Pacific cod, Hecate Strait)	MF 1899	(hunting statistics, walrus, Foxe Basin)
TH 88	(check lists, invertebrates, Hecate Strait)	DF 613	(fishery surveys, fishery development, freshwater lakes)
DH 50	(oceanographic data, water properties, Queen Charlotte Sound)	641	(stock assessment, fishery management, lake whitefish, Great Slave L.)
		642	(catch/effort, sport fishery, Arctic grayling, Kakisa R.)
		660	(fishery surveys, biological data, freshwater fishes, la Martre R.)
		666	(biological data, population number, Arctic char, Diana R.)
		IF 174	(experimental fishing, weirs, Arctic char, Jayco R.)
NORTHWEST ATLANTIC OCEAN			
J 44(1)	: 14 (growth, food availability, juveniles, haddock, Atlantic cod, Georges Bank)	J 44(10)	: 1775 (stock identification, phenotypic variations, brown trout)
	: 26 (recruitment, environmental effects, Atlantic cod, haddock)	TS 5246	(marketing, Atlantic herring)
	: 91 (pollution effects, cadmium, sea scallop, Georges Bank, Browns Bank)	5246(Rev)	(fishing industry, marketing, Atlantic herring)
(2)	: 282 (aerial surveys, stock assessment, juveniles, hooded seal)	5248	(fishery industry, quality)
	: 357 (food selection, yellowtail flounder, Georges Bank)	5253	(trash fish, chilled products)
(4)	: 882 (recruitment, density dependence, Atlantic herring)	5254	(processing fishery products, freezing)
(5)	: 967 (stock assessment, analytical errors, marine fish)	5259	(resource management, economic analysis, Atlantic herring)
(9)	: 1568 (environmental effects, yield predictions, landing statistics, marine fishes, shellfish, Gulf of Maine)	5260	(fishery economics, fishing vessels)
(11)	: 1890 (catch statistics, tidal cycles)	5261	(fishery economics, sociological aspects)
TF 1430	(sea surface temperature)	5262	(fishing fleet, economic analysis)
1457	(morphology, stock identification, pollock, haddock, Gulf of Maine)	5263	(fuel economy, fishing vessels)
1499	(parasites, stock identification, Helminths, capelin)	5264	(marketing, economic analysis, blue mussel)
1548	(exploratory fishing, stock assessment, Iceland scallop, St. Pierre Bank)	5265	(financial management, fishery industry)
1550	(fisheries research programs, historical account, Georges Bank)	5266	(ensilage, economic analysis, capelin)
1568	(physical oceanography, commercial fishing)	5282	(legislation, cured fish production)
1578	(distribution, abundance, Greenland halibut, golden redfish, roundnose grenadier, roughhead grenadier, Davis Strait)	5298	(processed fishery products, waste utilization)
DF 532	(surveys, zooplankton, Browns Bank)	5299	(fish handling, fish pumps, blue whiting)
TH 71	(check lists, fossil foraminifera)	5301	(fishing vessels, cost analysis)
DH 44	(hydrography, ocean weather stations)	5307	(fishing vessels, cost analysis)
45	(physical oceanography, current meter data, Belle Isle Bank)	5308	(fishing vessels, cost analysis)
		5309	(fishing vessels, economic analysis)
		5310	(fishing vessels, economic analysis)
		5311	(fishing vessels, economic analysis)
J 44(4)	: 775 (chlorophylls, phosphorus, lakes)	5312	(fishing vessels, cost analysis)
(8)	: 1451 (heat budget, light attenuation, freshwater lakes, Saqvaquac)	5313	(fishing vessels, activity analysis)
(S2)	: 198 (environmental factors, community structure, freshwater lakes, freshwater fish, Great Slave L.)	5314	(fishing vessels, activity analysis)
TF 1543	(resource management, hunting	5318	(pneumatic transport, trawl fish)
		5324	(employment, fish farming)

## NOVA SCOTIA (PROVINCE), CANADA

- J 44(1) : 120 (habitat selection, summer, juveniles, Atlantic salmon)  
 (3) : 538 (chemical limnology, acid rain)  
 (4) : 782 (chlorine compounds, lactation, grey seal, Sable I.)  
 (6) : 1221 (survey techniques, fish eggs, annual variations, yellow perch, *Lochaber L.*)  
 (9) : 1589 (mortality, variance analysis, blue mussel)  
 (11) : 2002 (stock assessment, fishery management, snow crab, Cape Breton)  
 : 2009 (measurement, egg production, *Calanus finmarchicus*, SW N.S.)  
 TF 1493 (chemical limnology, lakes)  
 1501 (aluminum speciation, acid rivers)  
 1523 (acidification, invertebrates)  
 1532 (fishery surveys, juveniles, demersal fishes, Sable I.)  
 1546 (benthic surveys, interspecific relationships, green sea urchin, aquatic plants)  
 1555 (tagging, potential yield, American plaice, St. Margaret's Bay)  
 1561 (check lists, benthos, invertebrates, Westfield R.)  
 MF 1907 (biomass, population structure, kelp)  
 DF 645 (chemical limnology, rivers, Guysborough County)  
 646 (chemical limnology, rivers, Cumberland County, Colchester County)  
 654 (chemical limnology, rivers, Cape Breton I.)

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## OBITUARY

- J 44(9) : 1674 (Tully, J. P., 1906-1987)

## OCEANOGRAPHY AND LIMNOLOGY

- J 44(1) : 130 (nitrogen cycle, Castle L., CA)  
 : 140 (tin, bioaccumulation, *Enteromorpha* spp.)  
 : 146 (hypolimnion, degradation, lakes, seston, Que.)  
 (2) : 296 (trophic structure, lakes, periphyton, Eastern Townships, Que.)  
 : 438 (physical-biological data, time series analysis, juveniles, capelin, Nfld.)  
 : 473 (nutrients, primary production, phytoplankton, coastal waters, MA)  
 (3) : 538 (chemical limnology, acid rain, rivers, N.S.)  
 (4) : 743 (nitrification, oxygen depletion, L. St. George, Ont.)  
 : 750 (methyl mercury, acidification, Environmental Lakes Area, NW Ont.)  
 : 775 (chlorophylls, phosphorus, lakes, N.W.T.)  
 : 852 (vertical advection, oxygen, lakes, Que.)  
 (5) : 960 (phosphorus, sediments, lakes,

- E North America)  
 : 990 (limnological variables, biomass, World Lakes)  
 : 1002 (models, seasonal variations, lakes, plankton, B.C.)  
 : 1038 (phosphates, primary production, zooplankton)  
 : 1064 (acidification, aluminum, leaf degradation, bacteria)  
 : 1082 (acidity, carbon cycle, lakes, WI)  
 : 1092 (oxygen, winter, freshwater lakes, Alta.)  
 (6) : 1135 (suspended particulate matter, microbiological analysis, Howe Sound, B.C.)  
 : 1165 (trace metals, marshes, NE North America)  
 (7) : 1306 (vegetation cover, hydrology, lakes, Labrador)  
 : 1337 (phosphorus, biological production, lakes, blue-green algae, Alta.)  
 (8) : 1451 (heat budget, light attenuation, freshwater lakes, Saqvaqjuaq, N.W.T.)  
 (9) : 1649 (limnological equipment, enclosures, lakes)  
 (11) : 1812 (snow, ions, watersheds, L. Superior)  
 : 1890 (tidal cycles, catch statistics, NW Atl.)  
 : 1898 (calcite, plankton, L. Michigan)  
 : 1948 (ammonium compounds, water springs, river banks, Ont.)  
 : 2022 (echo surveys, sound scattering, biota, Gulf Stream)  
 : 2025 (size detection, periphyton, L. Memphremagog, Que.)  
 (12) : 2042 (nutrients, biogeochemical cycle, L. Ontario)  
 : 2047 (physical limnology, L. Ontario)  
 : 2059 (chemical limnology, phosphorus, L. Ontario)  
 : 2069 (chemical limnology, phosphorus, plankton, L. Ontario)  
 : 2077 (phosphorus, metabolism, plankton, L. Ontario)  
 : 2087 (phosphorus cycle, enzymatic activity, plankton, L. Ontario)  
 : 2095 (nutrient deficiency, plankton, seston, L. Ontario)  
 : 2102 (protein synthesis, measurement, plankton, lakes)  
 : 2133 (nitrogen cycle, L. Ontario)  
 : 2144 (fluorescence, photosynthesis, phytoplankton, L. Ontario)  
 : 2155 (biomass, check lists, phytoplankton, L. Ontario)  
 : 2164 (biomass, vertical distribution, picoplankton, nanoplankton, L. Ontario)  
 : 2192 (nutrients, spatial variations, L. Ontario)

- : 2204 (phosphorus, sediments, L. Ontario) 648
- : 2212 (biomass, phosphorus, *Cladophora*, L. Ontario) 654
- : 2216 (thermal analysis, sediments, seston, L. Ontario) 661
- : 2225 (thermal stratification, winter temperatures, L. Ontario) TH 51
- : 2230 (nutrients, primary production, ecosystems, L. Ontario) 60
- (S1) : 3 (limnology, research programs, Experimental Lakes Area, NW Ont.) 68
- : 6 (environmental monitoring, ecosystem disturbance, Experimental Lakes Area, NW Ont.) DH 5(9)
- : 26 (eutrophication, fertilizers, Experimental Lakes Area, NW Ont.) (10)
- : 35 (nutrients, phytoplankton, Experimental Lakes Area, NW Ont.) (11)
- : 74 (radioactive tracers, sorption, sediments, Experimental Lakes Area, NW Ont.) (12)
- : 188 (alkalinity, sulfur, sediments, freshwater lakes) (13:1)
- : 194 (acidification, growth, *Sphagnum* spp., Experimental Lakes Area, NW Ont.) (13:2)
- : 206 (acid rain, chemical pollutants, Experimental Lakes Area, NW Ont.) (14)
- : 214 (radioisotopes, acid rain, sediments, Experimental Lakes Area, NW Ont.) 37(2)
- : 231 (sediment mixing, radioactive tracers, Experimental Lakes Area, NW Ont.) (3)
- : 251 (trace metals, sediments, radioactive tracers, Experimental Lakes Area, NW Ont.) 39(2)
- : 260 (tracers, aluminum, acidification, redbelly dace, Experimental Lakes Area, NW Ont.)
- B 215 (water resources, water management, water policy, Canada)
- TF 1430 (sea surface temperature, NW Atl.)
- 1493 (chemical limnology, lakes, N.B., N.S.)
- 1521(1) (acidification, freshwater lakes, fossil diatoms, Nfld.)
- (2) (acidification, freshwater lakes, fossil diatoms, Nfld.)
- 1558 (colonization, settling behavior, rivers, invertebrates, Nfld.)
- 1568 (physical oceanography, commercial fishing, NW Atl.)
- MF 1920 (water temperature, transparency, Dauphin L., Man.)
- 1926 (ecology, brackishwater environment, Deas Slough, Fraser R. estuary, B.C.)
- DF 629 (physical limnology, light attenuation, Experimental Lakes Area, NW Ont.)
- 645 (chemical limnology, rivers, Guysborough County, N.S.)
- 646 (chemical limnology, rivers, Cumberland County, Colchester)
- County, N.S.)
- (temperature profiles, Experimental Lakes Area, NW Ont.)
- (chemical limnology, rivers, Cape Breton I., N.S.)
- (oceanographic data, Beaufort Sea Shelf)
- (surface drift, nearshore currents, Labrador)
- (current meters, calibration)
- (ocean current profiles, Doppler effects, evaluation)
- (biological oceanography, bacteria, plankton, Beaufort Sea)
- (biological oceanography, whales, Beaufort Sea)
- (biological oceanography, zoobenthos, Beaufort Sea)
- (physical oceanography, Amundsen Gulf, Beaufort Sea)
- (biological oceanography, narwhal, white whale, bowhead whale, killer whale, Northwest Passage, Arctic)
- (biological oceanography, whales, Northwest Passage, Arctic)
- (physical oceanography, Northwest Passage, Arctic)
- 37(2) (physical oceanography, off B.C.)
- (3) (chemical oceanography, off B.C.)
- 39(2) (physical oceanography, hydrographic data, Northwest Passage, Arctic)
- (3) (water temperature, salinity, Northwest Passage, Arctic)
- 44 (hydrography, ocean weather stations, NW Atl.)
- 45 (physical oceanography, current meter data, Belle Isle Bank, NW Atl.)
- 50 (oceanographic data, water properties, Queen Charlotte Sound, NE Pac.)
- 51(1) (current measurement, sea level measurement, Northwest Passage, Arctic Archipelago)
- (2) (current measurement, sea level measurement, Northwest Passage, Arctic Archipelago)
- (3) (current measurement, sea level measurement, Northwest Passage, Arctic Archipelago)
- 52 (current meter data, long-term records, B.C. coast)
- 55 (oceanographic data, shore stations, B.C.)
- CH 28 (ice, morphology, acoustics, Arctic)
- Odobenus rosmarus* (see WALRUS)
- ODONATA (dragonflies; damselflies)
- J 44(9) : 1658 (water temperature, food availability, development rate)
- Oikopleura* spp. (see TUNICATA)

## OLIGOCHAETA

- J 44(8) : 1469 (biological production, population dynamics, *Barbidrilus paucisetosus*, Ogeechee R., GA)  
 (9) : 1574 (PCBs, bioaccumulation, L. Michigan)  
 TS 5245 (taxonomy, identification keys, Tubificidae)  
 5286 (taxonomy, *Pararhyacodrilus* gen.n., *P. esperus* sp.n., *P. ekmani* sp.n., *P. palustris* sp.n., L. Baikal, USSR)  
 5288 (check lists, Tubificidae, L. Baikal, USSR)  
 5328 (taxonomy, seta, Naididae, Africa)

*Ommastrephes bartramii* (see SQUID, FLYING)

- Oncorhynchus gorbuscha* (see SALMON, PINK)  
 keta (see SALMON, CHUM)  
 kisutch (see SALMON, COHO)  
 nerka (see SALMON, SOCKEYE)  
 spp. (see SALMON (Pacific in general))  
*tshawytscha* (see SALMON, CHINOOK)

## ONTARIO (PROVINCE), CANADA

- J 44(1) : 3 (pollution effects, trace metals, freshwater fish)  
 (2) : 382 (models, biomass, *Holopedium gibberum*, Plastic L.)  
 : 390 (sedimentation rates, uranium radioisotopes, Quirke L.)  
 : 458 (bioenergetics, metals, zooplankton, Blue Chalk L., Round L.)  
 : 478 (reproductive behavior, environmental effects, *Hyalella azteca*, Canadian Shield lakes)  
 (3) : 598 (nutrients, water temperature, blue-green algae, L. St. George)  
 : 650 (biological production, community composition, lakes, plankton)  
 (4) : 743 (nitrification, oxygen depletion, L. St. George)  
 (5) : 1018 (acidity, reproduction, white sucker, lakes, S Ont.)  
 (6) : 1102 (acidification, tolerance, *Hyalella azteca*)  
 : 1112 (acidification, distribution, *Hyalella azteca*)  
 (7) : 1315 (water sampling, water quality, Niagara R.)  
 (8) : 1390 (avoidance reactions, camouflage, juveniles, brook trout)  
 : 1425 (diseases, muscles, chemical analysis, lakes, walleye)  
 : 1510 (organism aggregations, measurement, freshwater lakes, *Hyalella azteca*)  
 (9) : 1652 (acidification, streams, stoneflies, mayflies, Algonquin Park)  
 (10) : 1692 (acidification, lakes, rotifers, Sudbury)  
 (11) : 1840 (mortality, body size,

- juveniles, yellow perch)  
 : 1948 (ammonium compounds, water springs, river banks)

- (S2) : 182 (sport fishing, statistical analysis, winter, freshwater fish, L. Simcoe)  
 : 198 (environmental factors, community structure, lakes, freshwater fish)  
 : 229 (sport fishing, stock assessment, evaluation, lake trout, smallmouth bass, L. Opeongo)  
 : 239 (sport fishing, community composition, yield, freshwater lakes, lake trout)  
 (benthos, check lists, L. Huron, Georgian Bay)  
 1495 (research programs, reports, Great Lakes Fisheries Research Branch, Canada Centre for Inland Waters)  
 1496 (lake surveys, lake selection)  
 1498 (dredging, freshwater fish, Hamilton Harbour)  
 MF 1874 (acid rain, freshwater fishes)  
 1898 (check lists, freshwater fish, lakes)

## ONTARIO, LAKE, AMERICA

- J 44(12) : 2042 (nutrients, biogeochemical cycle)  
 : 2047 (physical limnology)  
 : 2059 (chemical limnology, phosphorus)  
 : 2069 (chemical limnology, phosphorus, plankton)  
 : 2077 (phosphorus, metabolism, plankton)  
 : 2087 (phosphorus cycle, enzymatic activity, plankton)  
 : 2095 (nutrient deficiency, seston, plankton)  
 : 2118 (light, temperature, photosynthesis, plankton)  
 : 2133 (nitrogen cycle)  
 : 2144 (fluorescence, photosynthesis, phytoplankton)  
 : 2155 (biomass, check lists, phytoplankton)  
 : 2164 (biomass, vertical distribution, picoplankton, nanoplankton)  
 : 2173 (electron microscopy, morphology, picoplankton)  
 : 2178 (vertical distribution, seasonal variation, zooplankton)  
 : 2185 (vertical distribution, seasonal variation, Ciliophora)  
 : 2192 (nutrients, spatial variations)  
 : 2204 (phosphorus, sediments)  
 : 2212 (biomass, phosphorus, Cladophora)  
 : 2216 (thermal analysis, seston, sediments)  
 : 2225 (thermal stratification, winter temperatures)

- (S2) : 2230 (nutrients, primary production, ecosystems)  
 : 37 (interspecific relationships, food webs, freshwater organisms)  
 : 148 (biological production, biomass, freshwater fish, Bay of Quinte)  
 : 390 (interspecific relationships, predation, freshwater fish)
- Ophiodon elongatus* (see LINGCOD)
- Orcinus orca* (see WHALE, KILLER)
- Orconectes* spp. (see CRAYFISHES)
- OREGON STATE, USA  
 J 44(1) : 48 (growth, density dependence, English sole)  
 (2) : 452 (physiological changes, migrations, juveniles, coho salmon, Knowles Creek)  
 (6) : 1267 (echo surveys, stock assessment, longfinned squid)  
 (9) : 1603 (interspecific relationships, water temperature, redside shiner, steelhead trout)  
 (11) : 1870 (population dynamics, fishery management, English sole)  
 (S2) : 349 (potential yield, multispecies fisheries, flatfishes)  
 TF 1483 (workshop, habitat improvement)
- Oreochromis mossambicus* X *Oreochromis hornerum* (see TILAPIA)
- ORNITHOLOGY  
 TH 87 (check lists, marine birds, Vancouver I., B.C.)
- Osmerus eperlanus* (see SMELT, EUROPEAN)  
*mordax* (see SMELT, RAINBOW)
- Ostres edulis* (see OYSTER, EUROPEAN)
- OYSTER, EUROPEAN  
 J 44(3) : 674 (economic analysis, marketing, Maritime Provinces)
- P
- PACIFIC OCEAN  
 J 44(3) : 490 (stock identification, electrophoresis, Pacific cod, N Pac.)  
 (6) : 1122 (stock assessment, tagging, skipjack tuna, W Pac.)
- PACIFIC REGION, NORTHEAST PACIFIC OCEAN  
 TS 5247 (fishery industry, information services)
- Pandalopsis dispar* (see SHRIMP, SIDESTRIPE)
- Pandalus jordani* (see SHRIMP, SMOOTH PINK)  
*platyceros* (see PRAWN, SPOT)
- PARARHYACODRILUS* (Oligochaeta)  
 TS 5286 (taxonomy, new genera, L. Baikal, USSR)
- PARARHYACODRILUS ASPERSUS* (Oligochaeta)  
 TS 5286 (taxonomy, new species, L. Baikal, USSR)
- PARARHYACODRILUS EKMANI* (Oligochaeta)  
 TS 5286 (taxonomy, new species, L. Baikal, USSR)
- PARARHYACODRILUS PALUSTRIS* (Oligochaeta)  
 TS 5286 (taxonomy, new species, L. Baikal, USSR)
- Parophrys vetulus* (see SOLE, ENGLISH)
- Patinopecten caurinus* (see SCALLOP, WEATHERVANE)
- PCBs (see POLYCHLORINATED BIPHENYLS; see also POLLUTION)
- Pecten albicans* (see SCALLOP)  
 sp. (see SCALLOP)
- Perca flavescens* (see PERCH, YELLOW)  
*(P. fluviatilis)*
- PERCH, PACIFIC OCEAN (*Sebastes alutus*)  
 MF 1925 (frozen products, conversion factors, B.C.)
- PERCH, YELLOW (*Perca flavescens*) (*P. fluviatilis*)  
 J 44(3) : 549 (feeding behavior, prey selection)  
 (6) : 1221 (survey techniques, fish eggs, annual variations, Lochaber L., N.S.)  
 (10) : 1786 (measuring devices, mouth gape, larvae)  
 (11) : 1840 (mortality, body size, juveniles, Ont.)  
 : 2028 (prey, growth, zooplankton)  
 (S2) : 216 (recruitment, mortality, temperature, L. Windermere, Cumbria, England)  
 : 289 (fishery management, economic analysis, Green Bay, L. Michigan) (mercury, water reservoirs)  
 DF 628
- Periphyton (see ALGAE)
- PERU  
 J 44(10) : 1684 (growth, mortality, El Niño phenomenon, Peruvian scallop, off Pisco)
- Petromyzon marinus* (see LAMPREY, SEA)
- Phoca hispida* (see SEAL, RINGED)  
*vitulina* (see SEAL, HARBOR)
- PHYSIOLOGY AND BIOCHEMISTRY  
 J 44(1) : 99 (acclimation, copper,

- physiological changes, rainbow trout) : 105 (acclimation, copper, biochemical changes, rainbow trout) : 161 (immunity, diseases, juveniles, coho salmon)
- (2) : 373 (acidification, biochemical analysis, Arctic char) : 399 (bioenergetics, migrations, anadromous fishes) : 452 (physiological changes, migrations, juveniles, coho salmon, Knowles Creek, OR) : 458 (bioenergetics, metals, zooplankton, Blue Chalk L., Round L., Ont.)
- (3) : 630 (carbohydrate metabolism, acidification, brook trout) : 636 (immunity, toxicants, rainbow trout)
- (4) : 722 (lipids, chromatographic techniques, marine organisms) : 736 (metabolism, nitrogen, *Chrysochromulina brevitirrita*, Experimental Lakes Area, NW Ont.) : 782 (chlorine compounds, lactation, grey seal, Sable I., N.S.) : 846 (temperature effects, biliary excretion, rainbow trout)
- (6) : 1157 (embryonic development, body size, females, American lobster, Iles de la Madeleine, Que.) : 1257 (lead, bioaccumulation, *Ankistrodesmus falcatus*)
- (7) : 1301 (stock identification, DNA, NE Pac.)
- (8) : 1462 (photoperiods, osmoregulation, juveniles, Atlantic salmon)
- (9) : 1614 (protein synthesis, swimming, growth, rainbow trout) : 1629 (thermoregulation, predation, bluegill) : 1635 (permeability, ions, embryos, Atlantic salmon) : 1661 (lesions, regeneration, white whale)
- (10) : 1702 (stock identification, genetic variation, chum salmon, B.C.) : 1765 (calcium, amino acids, heart, green crab) : 1775 (stock identification, phenotypic variations, brown trout, Norway)
- (11) : 1930 (ovulation, sex hormones, coho salmon) : 1995 (nutritional requirements, proteins, fishes)
- (12) : 2102 (protein synthesis, measurement, plankton, lakes) : 2118 (light, temperature, photosynthesis, plankton, L. Ontario)
- (S1) : 107 (calcium, acidification, crayfishes, Experimental Lakes Area, NW Ont.) : 126 (histopathology, gills, acidification, pearl dace, fathead minnow, Experimental Lakes Area, NW Ont.) : 150 (respiration, light, acidification, periphyton, Experimental Lakes Area, NW Ont.) (acclimation, sea water, juveniles, salmonids)
- TF 1515
- IF 177(2)
- TS 5256
- 5306
- PIKE, NORTHERN (*Esox lucius*)
- J 44(2) : 304 (feeding behavior, predation, juveniles)
- (3) : 556 (genetic variation, postglacial dispersal, North America)
- (S2) : 216 (recruitment, mortality, temperature, L. Windermere, Cumbria, England)
- Pimephales promelas* (see MINNOW, FATHEAD)
- Placopecten magellanicus (see SCALLOP, SEA (giant scallop)
- PLAICE AMERICAN (*Hippoglossoides platessoides*)
- TF 1513
- 1555
- PLANKTON
- J 44(1) : 83 (nutrient enrichment, species composition, phytoplankton) : 167 (pollution effects, waste water, phytoplankton, Saint Louis R., Que.) : 176 (orthophosphate, phytoplankton, zooplankton, L. Memphremagog, Que., VT)
- (2) : 458 (bioenergetics, metals, zooplankton, Blue Chalk L., Round L., Ont.) : 473 (nutrients, primary production, phytoplankton, coastal waters, MA)
- (3) : 499 (primary production, growth, phytoplankton, L. Michigan) : 509 (thermal stratification, phytoplankton, L. Michigan) : 639 (distribution, environmental effects, lakes, phytoplankton, Nfld.) : 650 (biological production, community composition, lakes, Ont.)
- (5) : 1002 (models, biomass, seasonal variations, lakes, B.C.) : 1038 (phosphates, primary production, zooplankton) : 1045 (prediction, primary production, phytoplankton)
- (7) : 1278 (growth, nutrients, phytoplankton)

- (10) : 1714 (pesticides, feeding behavior, zooplankton) 575  
      : 1768 (nutrients, community composition, freshwater, phytoplankton) 618  
 (11) : 1898 (calcite, L. Michigan) DH 5(9)  
      : 2012 (predator-prey relationship, larval fish, zooplankton) (11)  
      : 2028 (prey, growth, zooplankton, yellow perch) (biological oceanography, Beaufort Sea)  
 (12) : 2069 (chemical limnology, phosphorus, L. Ontario) (biological oceanography, zoobenthos, Beaufort Sea)  
      : 2077 (phosphorus, metabolism, L. Ontario)  
      : 2087 (phosphorus cycle, enzymatic activity, L. Ontario)  
      : 2095 (nutrient deficiency, L. Ontario)  
      : 2102 (protein synthesis, measurement, lakes)  
      : 2118 (light, temperature, photosynthesis, L. Ontario)  
      : 2144 (fluorescence, photosynthesis, phytoplankton, L. Ontario)  
      : 2155 (biomass, check lists, phytoplankton, L. Ontario)  
      : 2164 (biomass, vertical distribution, picoplankton, nanoplankton, L. Ontario)  
      : 2173 (electron microscopy, morphology, picoplankton, L. Ontario)  
      : 2178 (vertical distribution, seasonal variation, zooplankton, L. Ontario)  
 (S1) : 35 (nutrients, Experimental Lakes Area, NW Ont.)  
      : 47 (primary production, fertilizers, Experimental Lakes Area, NW Ont.)  
      : 83 (acidification, light attenuation, phytoplankton, Experimental Lakes Area, NW Ont.)  
      : 91 (vertical distribution, acidification, zooplankton, Experimental Lakes Area, NW Ont.)  
      : 154 (equipment, impoundments, zooplankton)  
      : 163 (cadmium, acidification, zooplankton, Experimental Lakes Area, NW Ont.)  
      : 264 (dry weight, organism morphology, zooplankton, Experimental Lakes Area, NW Ont.)  
 (S2) : 141 (interspecific relationships, recruitment, freshwater fish, L. Michigan)  
 B 214 (microorganisms, photosynthesis, picoplankton, World Oceans)  
 MF 1915 (feeding behavior, stomach content, chinook salmon, Campbell R., Discovery Passage, Vancouver I., B.C.)  
 DF 532 (surveys, zooplankton, Browns Bank, NW Atl.)  
 558 (feeding behavior, stomach content, phytoplankton, zooplankton, Frobisher Bay, Arctic) (check lists, abundance, phytoplankton, Frobisher Bay, Arctic)  
      : (biological sampling, check lists, zooplankton, Campbell R., Vancouver I., B.C.)  
      : (biological oceanography, Beaufort Sea)  
**PLATYHELMINTHES (flatworms)**  
 TS 5331 (Monogenea, *Neoheterobothrium* gen.n., *N. syacii* sp.n., Gulf of Mexico)  
**PLECOPTERA (stoneflies)**  
 J 44(9) : 1652 (acidification, streams, Algonquin Park, Ont.)  
 TF 1512 (acidification, behavioral responses, *Acroneuria lycorias*)  
**Pollachius virens (see POLLOCK)**  
**POLLOCK (Pollachius virens)**  
 TF 1457 (morphology, stock identification, Gulf of Maine, Scotian Shelf, NW Atl.)  
**POLLOCK, WALLEYE (*Theragra chalcogramma*)**  
 J 44(11) : 1972 (diets, cannibalism, E Bering Sea)  
 TS 5326 (quality assurance, minced products, Japan)  
**POLLUTION**  
 J 44(1) : 3 (trace metals, sediments, freshwater fish, Ont.)  
      : 91 (effects, cadmium, sea scallop, Chaleur Bay, N.B., Georges Bank, Browns Bank, NW Atl.)  
      : 99 (acclimation, copper, physiological changes, rainbow trout)  
      : 105 (acclimation, copper, biochemical changes, rainbow trout)  
      : 134 (coal leachates, spermatogenesis, mummichogs)  
      : 167 (waste water, phytoplankton, bacteria, algae, Saint Louis R., Que.)  
 (2) : 373 (acidification, feeding behavior, Arctic char)  
      : 390 (sedimentation rates, uranium radioisotopes, Quirke L., Ont.)  
      : 458 (metals, bioenergetics, zooplankton, Blue Chalk L., Round L., Ont.)  
 (3) : 630 (acidification, carbohydrate metabolism, brook trout)  
      : 658 (placer mining, sediments, Arctic grayling, Yukon R., Y.T.)  
 (4) : 782 (chlorine compounds, lactation, grey seal, Sable I., N.S.)  
      : 859 (bioaccumulation, time series)

- (5) : 1018 (acidity, reproduction, white sucker, lakes, S Ont.)  
 : 1064 (acidification, aluminum, leaf degradation, bacteria)
- (6) : 1102 (acidification, tolerance, *Hyalella azteca*, Ont.)  
 : 1112 (acidification, distribution, *Hyalella azteca*, Plastic L., Ont.)
- (7) : 1270 (carcinogens, cytochromes, winter flounder, off MA)  
 : 1315 (water sampling, water quality, Niagara R., Ont.)
- (8) : 1418 (aluminum, acidification, juveniles, lake trout)  
 : 1432 (acidification, survival, freshwater fish, Adirondack region, NY)  
 : 1475 (acidification, rivers, juveniles, Atlantic salmon, N.S.)
- (9) : 1574 (PCBs, bioaccumulation, oligochaetes, L. Michigan)  
 : 1584 (acidification, paleolimnology, algae, Cone Pond, NH)  
 : 1595 (acidification, snow, freshwater lakes, Adirondack Mountains, NY)  
 : 1622 (aluminum, acidification, American toad, spotted salamander)  
 : 1652 (acidification, streams, mayflies, stoneflies, Algonquin Park, Ont.)  
 : 1669 (oil spills, periphyton, Wolf Lodge Creek, ID)
- (10) : 1692 (acidification, lakes, rotifers, Sudbury, Ont.)  
 : 1714 (pesticides, feeding behavior, zooplankton)
- (S1) : 126 (acidification, histopathology, gills, pearl dace, fathead minnow, Experimental Lakes Area, NW Ont.)  
 : 135 (acidification, periphyton, Experimental Lakes Area, NW Ont.)  
 : 163 (cadmium, acidification, zooplankton, Experimental Lakes Area, NW Ont.)  
 : 173 (biotic factors, abiotic factors, neutralizing acidity, Experimental Lakes Area, NW Ont.)  
 : 206 (acid rain, chemical pollutants, Experimental Lakes Area, NW Ont.)  
 : 214 (radioisotopes, acid rain, sediments, Experimental Lakes Area, NW Ont.)
- TF 1307 (oil and gas industry, drilling fluids, winter flounder, E Canada)
- i442 (biodegradation, petroleum)
- 1476 (acidification, growth, white sucker, Experimental Lakes Area, NW Ont.)
- 1490 (mercury, methyl mercury, Southern Indian L., Man.)
- 1497 (biological tissue, archives, Great Lakes)
- 1501 (aluminum speciation, acid rivers, N.S.)
- 1512 (acidification, behavioral responses, *Acroneuria lycorias*)  
 1519 (heavy metals, sea scallop, Maritime Provinces)
- 1523 (acidification, invertebrates, N.B., N.S.)  
 1551 (monitoring, acidification, wetlands, Experimental Lakes Area, NW Ont.)
- 1575 (water pollution, environmental management, Canada)
- MF 1874 (acid rain, freshwater fishes, Ont.)
- 1942 (analytical techniques, aquatic environment)
- DF 568F (bioaccumulation, heavy metals, PCBs, marine organisms, Baie des Anglais, Que.)
- 610 (mercury, sources, forage fish, Churchill R., Man.)
- 628 (mercury, water reservoirs, yellow perch)
- TH 89 (mining, benthos, invertebrates, Alice Arm, B.C.)
- CH 27 (ocean dumping, Pacific region, Canada)
- TS 5251 (fish farming effluents, rainbow trout, Archipelagic Sea, Finland)
- 5267 (effects, fish farms, benthos, Sipo Bay, Finland)
- 5268 (effects, fish farms, Finland)
- 5269 (effects, fish farms, Archipelagic Sea, Finland)
- 5270 (power plants, reservoir fisheries, pollution control, Sweden)
- 5271 (fish culture, pollution control, planning, Finland)
- 5272 (fish culture, pollution control, Finland)
- 5283 (pollution control, phosphorus, Finland)
- 5330 (pollution control, freeze-drying)
- 5333 (effects, PCBs, rainbow smelt, L. Erie)
- POLYCHLORINATED BIPHENYLS (PCBs) (see also POLLUTION)**
- J 44(9) : 1574 (bioaccumulation, oligochaetes, L. Michigan)
- TS 5333 (pollution effects, rainbow smelt, L. Erie)
- POPULATION DYNAMICS**
- J 44(3) : 605 (fishery recruitment data, mathematical analysis)
- (4) : 712 (mortality, body size, juveniles, sockeye salmon, Babine L., B.C.)
- : 882 (recruitment, density dependence, Atlantic herring, NW Atl.)
- : 913 (recruitment, fishery management)
- (7) : 1321 (sexual maturity, anadromous migrations, juveniles, Atlantic

- salmon)
- (8) : 1469 (biological production, *Barbidiurus paucisetus*, Ogeechee R., GA)
- : 1485 (fecundity, sea temperature, Pacific herring, B.C.)
- : 1496 (sexual maturity, oocyte measurement, Pacific herring)
- (9) : 1551 (recruitment, mathematical models, sockeye salmon, Adams R., B.C.)
- : 1589 (mortality, variance analysis, blue mussel, N.S.)
- (10) : 1684 (growth, mortality, El Niño phenomenon, Peruvian scallop, off Pisco, Peru)
- : 1737 (fecundity, biological development, population growth, aquatic Diptera)
- : 1791 (survival, flooding, sockeye salmon)
- (11) : 1870 (recruitment, spawning, fishery management, English sole, WA, OR)
- (S1) : 55 (fertilizers, lake whitefish, Experimental Lakes Area, NW Ont.)
- : 97 (fecundity, acidification, crayfishes, Experimental Lakes Area, NW Ont.)
- : 114 (growth, recruitment, acidification, freshwater fish, Experimental Lakes Area, NW Ont.)
- (S2) : 15 (fishery management, walleye, L. Erie)
- : 216 (recruitment, mortality, growth, yellow perch, northern pike, L. Windermere, Cumbria, England)
- : 313 (recruitment, abiotic factors, biotic factors, lakes, whitefish, L. Michigan)
- : 371 (stock assessment, yield, deepwater ciscoes, L. Michigan, L. Huron)
- B 216 (life cycle, ringed seal, W Arctic)
- TF 1316F (population structure, brook trout, Laflamme L., Que.)
- 1482(1) (biological data, resource management, Pacific salmon, B.C.)
- (2) (biological data, resource management, Pacific salmon, B.C.)
- MF 1936 (reproductive biology, Pacific cod, English sole, Hecate Strait, NE Pac.)
- DF 652 (sexual maturity, length, Pacific cod, Hecate Strait, NE Pac.)
- TS 5277 (sexual maturity, growth, ringed seal, Okhotsk Sea, USSR)
- POPULATION STRUCTURE**
- J 44(2) : 244 (spawning populations, environmental effects, chum salmon, B.C.)
- (4) : 712 (body size, mortality, juveniles, sockeye salmon, Babine L., B.C.)
- (5) : 924 (body weight, mathematical
- (7) : 1301 (stock identification, DNA, chinook salmon, NE Pac.)
- (11) : 1936 (length, age, metamorphosis, winter flounder, Conception Bay, Nfld.)
- TF 1316F (population dynamics, brook trout, Laflamme L., Que.)
- 1535 (stock identification, fishery management, sockeye salmon, Stikine R., B.C.)
- MF 1907 (biomass, kelp, N.S.)
- 1913 (age composition, size, eulachon, Fraser R. estuary, B.C.)
- DF 616 (length, weight, salmonids, Campbell R. estuary, Discovery Passage, Vancouver I., B.C.)
- 621 (length, Pacific cod, B.C.)
- 630 (length, weight, juveniles, salmonids, Campbell R. estuary, Discovery Passage, Vancouver I., B.C.)
- PRAWN, SPOT** (*Pandalus platyceros*)
- MF 1936 (fishery surveys, estuaries, juveniles, Howe Sound, B.C.)
- PREDATION AND COMPETITION**
- J 44(1) : 40 (competitors, spawning grounds, brown trout, rainbow trout, Alexandrina L., New Zealand)
- : 192 (growth, food availability, juveniles, chum salmon)
- : 222 (mathematical models, fish larvae, marine fish)
- (2) : 236 (predation, biotic factors, juveniles, chum salmon, freshwater fish, Big Beef Creek, WA)
- : 467 (predation, food availability, larvae, bloater, alewife)
- (3) : 525 (predation, Pacific herring, Pacific salmon, river lamprey, Strait of Georgia, NE Pac.)
- (5) : 941 (predation, common merganser, Pacific salmon, E Vancouver I., B.C.)
- : 950 (predation, common merganser, Pacific salmon, E Vancouver I., B.C.)
- (9) : 1529 (prey selection, mathematical analysis)
- : 1534 (mortality, capelin, larvae, jellyfish)
- : 1603 (interspecific relationships, water temperature, redside shiner, steelhead trout, W OR)
- : 1629 (thermoregulation, predation, bluegill)
- (11) : 1840 (mortality, body size, juveniles, yellow perch, Ont.)
- : 2012 (predator-prey relationship, larval fish, Atlantic mackerel, zooplankton)
- : 2028 (prey, growth, zooplankton, yellow perch)
- (S2) : 10 (interspecific relationships,

- freshwater fish, South Bay, L. Huron)  
 : 37 (interspecific relationships, food webs, freshwater organisms, L. Ontario)  
 : 53 (interspecific relationships, food webs, freshwater fish, L. Michigan)  
 : 84 (interspecific relationships, ecological stability, multispecies fisheries)  
 : 104 (interspecific relationships, ecological balance, freshwater fish, Great Lakes)  
 : 141 (interspecific relationships, recruitment, freshwater fish, zooplankton, L. Michigan)  
 : 216 (interspecific relationships, intraspecific relationships, yellow perch, northern pike, L. Windermere, Cumbria, England)  
 : 249 (interspecific relationships, colonization, freshwater fish, rainbow smelt, Great Lakes region)  
 : 298 (interspecific relationships, bioeconomic analysis, alewife, salmonids, L. Michigan)  
 : 390 (interspecific relationships, predation, freshwater fish, L. Ontario)  
 : 404 (interspecific relationships, fishery management, salmonids, sea lamprey, L. Superior)  
 (culture tanks, competition, algae)  
 (interspecific relationships, food chains, marine mammals, Arctic cod, Arctic)  
 1546 (benthic surveys, interspecific relationships, green sea urchin, aquatic plants, N.S.)  
 DF 651 (fishery surveys, interspecific relationships, Pacific cod, sablefish, spiny dogfish, Pacific herring, SE Vancouver I., B.C.)
- PRODUCTION**  
 J 44(1) : 176 (orthophosphate, phytoplankton, zooplankton, L. Memphremagog, Que., VT)  
 : 198 (primary, particulate flux, marine environment)  
 (2) : 473 (nutrients, phytoplankton, coastal waters)  
 (3) : 499 (primary, growth, phytoplankton, L. Michigan)  
 : 598 (nutrients, water temperature, blue-green algae, L. St. George, Ont.)  
 : 619 (nutrients, lotic environment, periphyton)  
 : 650 (community composition, lakes, plankton, Ont.)  
 (5) : 1045 (primary, predation, phytoplankton)  
 (6) : 1247 (habitat improvement, Keogh R., B.C.)
- (7) : 1337 (phosphorus, lakes, blue-green algae, Alta.)  
 (8) : 1408 (primary, impoundment, Southern Indian L., Man.)  
 : 1469 (population dynamics, *Barbidiulus paucisetus*, Ogeechee R., GA)  
 (S1) : 47 (primary, fertilizers, phytoplankton, Experimental Lakes Area, NW Ont.)  
 : 83 (acidification, light attenuation, phytoplankton, Experimental Lakes Area, NW Ont.)  
 : 136 (biological, models, biomass)  
 : 148 (biological, biomass, freshwater fish, Bay of Quinte, L. Ontario)  
 (stock assessment, juveniles, Atlantic salmon, brook trout, Highlands R., St. George's Bay, Nfld.)  
 TF 1538 1555 (potential yield, tagging, American plaice, St. Margaret's Bay, N.S.)
- PROTOZOA**  
 J 44(7) : 1379 (parasitic indicators, spawning populations, *Eimeria sardinae*, Atlantic herring, E Canada)  
 (12) : 2185 (vertical distribution, seasonal variation, Ciliophora, L. Ontario)  
 TH 71 (check lists, fossil foraminifera, NW Atl.)  
 TS 5300 (introduced species, parasitic diseases, *Myxosoma cerebralis*, California trout, Yugoslavia)
- Pseudopleuronectes americanus* (see FLOUNDER, WINTER)
- Pseudoterranova decipiens* (see SEALWORM)
- Ptychoramphus aleuticus* (see AUKLET, CASSIN'S)
- Q
- QUEBEC (PROVINCE), CANADA**  
 J 44(1) : 146 (hypolimnion, degradation, lakes, seston)  
 : 167 (pollution effects, waste water, phytoplankton, bacteria, algae, Saint Louis R.)  
 : 176 (orthophosphate, phytoplankton, zooplankton, L. Memphremagog)  
 (2) : 296 (trophic structure, lakes, periphyton, Eastern Townships)  
 : 368 (bacterial diseases, disease transmission, *Aerococcus viridans* var. *homari*, American lobster, Magdalen Is.)  
 (4) : 732 (biomass, echosounders, aquatic plants)  
 : 852 (vertical advection, oxygen, lakes)  
 (6) : 1157 (embryonic development, body

- size, females, American lobster, Iles de la Madeleine)  
 (9) : 1666 (surface waves, water depth, lakes)  
 (11) : 1855 (growth, life history, juveniles, American lobster, Iles de la Madeleine)  
 : 2025 (size distribution, periphyton, L. Memphremagog)  
 TF 1316F (population structure, population dynamics, brook trout, Laflamme L.) (check lists, benthic invertebrates, Ungava Bay)  
 DF 568F (bioaccumulation, heavy metals, PCBs, marine organisms, Baie des Anglais)  
 TS 5319 (aquaculture techniques, economic analysis, American lobster, Magdalen Is.)
- Queen Charlotte Islands (see BRITISH COLUMBIA)  
 Queen Charlotte Sound (see NORTHEAST PACIFIC OCEAN)
- R
- REDFISH (*Sebastes marinus*) (ocean perch) (golden redfish)  
 TF 1578 (distribution, abundance, Davis Strait, NW Atl.)
- REDFISH, DEEPWATER (*Sebastes mentella*) (beaked redfish)  
 TF 1578 (distribution, abundance, Davis Strait, NW Atl.)
- Redfish, golden (see REDFISH (ocean perch))
- REDFISHES (*Sebastes* spp.) [Atl.] (see also names of species)  
 TF 1530 (fishery surveys, economic analysis, Nfld.)
- Reinhardtius hippoglossoides* (see HALIBUT, GREENLAND)
- Renibacterium* (see DISEASES AND PARASITES)
- REPRODUCTION  
 J 44(1) : 152 (growth, fecundity, weathervane scallop, B.C.)  
 (2) : 476 (spawning, lentic environment, Pacific lamprey, Babine L., B.C.)  
 (5) : 1018 (acidity, white sucker, lakes, S Ont.)  
 (6) : 1157 (embryonic development, body size, females, American lobster, Iles de la Madeleine, Que.)  
 (9) : 1562 (breeding, parasitism, pink salmon, sea lamprey, Carp R., E L. Superior)  
 (10) : 1743 (potential, water temperature, aquatic Diptera)  
 (S1) : 97 (fecundity, acidification, crayfishes, Experimental Lakes
- MF 1937 (population dynamics, Pacific cod, English sole, Hecate Strait, NE Pac.)  
 TS 5321 (developmental stages, morphology, scallop, Japan)
- RESEARCH INSTITUTIONS  
 TF 1495 (research programs, reports, Great Lakes Fisheries Research Branch, Canada Centre for Inland Waters, Ont.)  
 MF 1948 (research programs, personnel, St. Andrews, N.B.)
- Richardsonius balteatus* (see SHINER, REDSIDE)
- ROCKFISHES (*Sebastes* spp.) [Pac.] (see also names of species)  
 J 44(9) : 1544 (acoustic assays, stock assessment, NE Pac.)  
 TF 1510 (biomass surveys, Dixon Entrance, NE Pac.)  
 MF 1903 (catch/effort, stock assessment, Strait of Georgia, NE Pac.)
- ROTATORIA (rotifers)  
 J 44(10) : 1692 (acidification, lakes, Sudbury, Ont.)
- Rotifers (see ROTATORIA)
- S
- SABLEFISH (*Anoplopoma fimbria*) (blackcod)  
 J 44(4) : 905 (age determination, methodology, B.C.)  
 DF 651 (fishery surveys, interspecific relationships, Pacific cod, spiny dogfish, Pacific herring, SE Vancouver I., B.C.)
- SALAMANDER, SPOTTED (*Ambystoma maculatum*)  
 J 44(9) : 1622 (aluminum, acidification)
- Salmo clarki* (see TROUT, CUTTHROAT)  
*clarki clarki* (see TROUT, COASTAL CUTTHROAT)  
*gairdneri* (see TROUT, RAINBOW; see also TROUT, STEELHEAD)  
*gairdneri irideus* (see TROUT, CALIFORNIA)  
*salar* (see SALMON, ATLANTIC)  
*trutta* (see TROUT BROWN)
- SALMON (Pacific in general) (*Oncorhynchus* spp.)  
 J 44(2) : 316 (hatchery methods, tagging-recapture data, B.C.)  
 (3) : 525 (predation, river lamprey, Strait of Georgia, NE Pac.)  
 (5) : 941 (predation, common merganser, E Vancouver I., B.C.)  
 : 950 (predation, common merganser, E Vancouver I., B.C.)  
 : 1031 (escapement, methodology)  
 TF 1482(1) (biological data, resource management, B.C.)

- 1482(2) (biological data, resource management, B.C.)
- 1494 (catch statistics, trolling, B.C.)
- MF 1870 (classification systems, escapement, B.C.)
- DF 601 (escapement, rivers, S B.C.)
- 636 (fishery surveys, juveniles, Hecate Strait, NE Pac.)
- 647 (fish food, chemical analysis, B.C.)
- SALMON, ATLANTIC (*Salmo salar*)
- J 44(1) : 120 (habitat selection, summer, juveniles, N.B., N.S.)
- : 210 (turbines, mortality, juveniles)
- (2) : 337 (rearing, evaluation, Nfld.)
- (4) : 702 (temperature, light, kelt)
- (5) : 1079 (growth, diets, juveniles)
- (7) : 1321 (sexual maturity, anadromous migrations, juveniles)
- (8) : 1462 (photoperiods, osmoregulation, juveniles)
- : 1475 (acidification, rivers, juveniles, N.S.)
- (9) : 1635 (permeability, ions, embryos)
- TF 1485 (feeding behavior, mayflies, caddisflies, St. Croix R., N.B.)
- 1538 (stock assessment, biomass, juveniles, Highlands R., St. George's Bay, Nfld.)
- MF 1906 (bubble disease, hydroelectric power plants, Mactaquac, N.B.)
- 1918 (stocking, aquaculture techniques, fingerlings, Pointe Wolfe R., N.B.)
- 1931 (brood stocks, aquaculture regulations, Nfld.)
- 1933 (habitat improvement, spawning grounds)
- 1938 (fishery surveys, fishways, Magaguadavic R., N.B.)
- DF 663 (sport fishing, catch statistics, Maritime Provinces)
- 664 (fishery surveys, fishways, Beechwood Dam, N.B.)
- TS 5332 (fish culture, water temperature, embryos)
- SALMON, CHINOOK (*Oncorhynchus tshawytscha*)
- J 44(1) : 206 (disease detection, *Renibacterium salmoninarum*)
- (2) : 327 (analytical techniques, migration studies, Robertson Creek hatchery, Vancouver I., B.C.)
- (3) : 685 (viral diseases, erythrocytes, Columbia R., WA)
- (4) : 765 (stock identification, electrophoresis, AK)
- (6) : 1213 (analytical models, stock assessment, fisheries management, Central Valley, CA)
- (7) : 1301 (stock identification, DNA, NE Pac.)
- : 1343 (locomotion, stratified flow, juveniles)
- (S2) : 384 (yield predictions, sterility, L. Michigan)
- MF 1915 (feeding behavior, stomach content,
- 1928 plankton, Campbell R., Discovery Passage, Vancouver I., B.C.)
- (catch/effort, angling, Vedder-Chilliwack R., B.C.)
- 1943 (rearing, temperature effects, B.C.)
- 1944 (water quality, iron, fish culture, B.C.)
- SALMON, CHUM (*Oncorhynchus keta*)
- J 44(1) : 192 (growth, food availability, juveniles)
- (2) : 236 (predation, biotic factors, juveniles, freshwater fish, Big Beef Creek, WA)
- : 244 (population structure, environmental effects, B.C.)
- (10) : 1702 (stock identification, genetic variation, B.C.)
- : 1796 (fishermen, fishery management, S B.C.)
- (11) : 1957 (measurement, fixation, fish eggs)
- TF 1517 (growth, genotypes, environmental factors)
- MF 1901 (release time, release size, Conuma hatchery, B.C.)
- 1904 (tidal inlets, residence time, juveniles, Squamish R. estuary, B.C.)
- DF 632 (biological sampling, beach seines, juveniles, pink salmon, Masset Sound, Masset Inlet, Queen Charlotte Is., B.C.)
- 640 (biological sampling, beach seines, juveniles, pink salmon, Masset Sound, Masset Inlet, Queen Charlotte Is., B.C.)
- SALMON, COHO (*Oncorhynchus kisutch*)
- J 44(1) : 161 (immunity, diseases, juveniles)
- (2) : 262 (migrations, habitat selection, juveniles, Carnation Creek, B.C.)
- : 452 (physiological changes, migrations, juveniles, Knowles Creek, OR)
- (4) : 822 (stock identification, regional differences, S B.C.)
- (7) : 1351 (ovulation, sex hormones)
- (8) : 1397 (migrations, environmental factors, Deschutes R., WA)
- (11) : 1930 (ovulation, sex hormones)
- : 1957 (measurement, fixation, fish eggs)
- MF 1865 (habitat, evaluation, Koksilah R., B.C.)
- 1904 (tidal inlets, residence time, juveniles, Squamish R. estuary, B.C.)
- 1928 (catch/effort, angling, Vedder-Chilliwack R., B.C.)
- DF 609 (tagging, recoveries, females, B.C.)
- SALMON, PINK (*Oncorhynchus gorbuscha*)
- J 44(2) : 348 (swimming, velocity, Fraser R.,

- (4) : Thompson R., B.C.)  
 (9) : 787 (stock identification, introduced species, Great Lakes)  
 MF 1772 (9) : 1562 (parasitism, reproduction, sea lamprey, Carp R., E L. Superior)  
 DF 632 (distribution, abundance, L. Huron)  
 (biological sampling, beach seines, juveniles, chum salmon, Masset Sound, Masset Inlet, Queen Charlotte Is., B.C.)  
 640 (biological sampling, beach seines, juveniles, chum salmon, Masset Sound, Masset Inlet, Queen Charlotte Is., B.C.)
- SALMON, SOCKEYE (*Oncorhynchus nerka*)**
- J 44(1) : 66 (habitat improvement, fishways, Frazer L., Kodiak I., AK)  
 (4) : 712 (mortality, body size, juveniles, Babine L., B.C.)  
 : 866 (stock identification, fisheries management, NE Pac.)  
 (5) : 1071 (viral diseases, disease detection)  
 : 1075 (viral diseases, disease detection, males)  
 (6) : 1207 (vertebrae, genomes, environmental factors)  
 (9) : 1551 (recruitment, mathematical models, Adams R., B.C.)  
 (10) : 1791 (flooding, survival, spawning)  
 (11) : 1963 (homing behavior, parasitism, stock identification, B.C.)  
 SP 96 (fishery biology, fishery management)  
 TF 1511 (avoidance reactions, purse seines, B.C.)  
 1522 (population number, historical account, Fraser R., B.C.)  
 1535 (stock identification, fishery management, Stikine R., B.C.)  
 1557 (mathematical models, stock assessment, Barkley Sound, Vancouver I., B.C.)  
 MF 1916 (population number, prediction, B.C.)
- SALMONIDAE**
- J 44(1) : 183 (disease detection, methodology, *Renibacterium salmoninarum*)  
 (6) : 1233 (feeding behavior, habitat selection, juveniles, Campbell R. estuary, Vancouver I., B.C.)  
 (8) : 1502 (marking, strontium, fry)  
 (S2) : 298 (bioeconomic analysis, interspecific relationships, alewife, L. Michigan)  
 : 404 (interspecific relationships, fishery management, sea lamprey, L. Superior)  
 TF 1515 (acclimation, sea water, juveniles)  
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- J 44(6) : 1122 (stock assessment, tagging, W Pac.)

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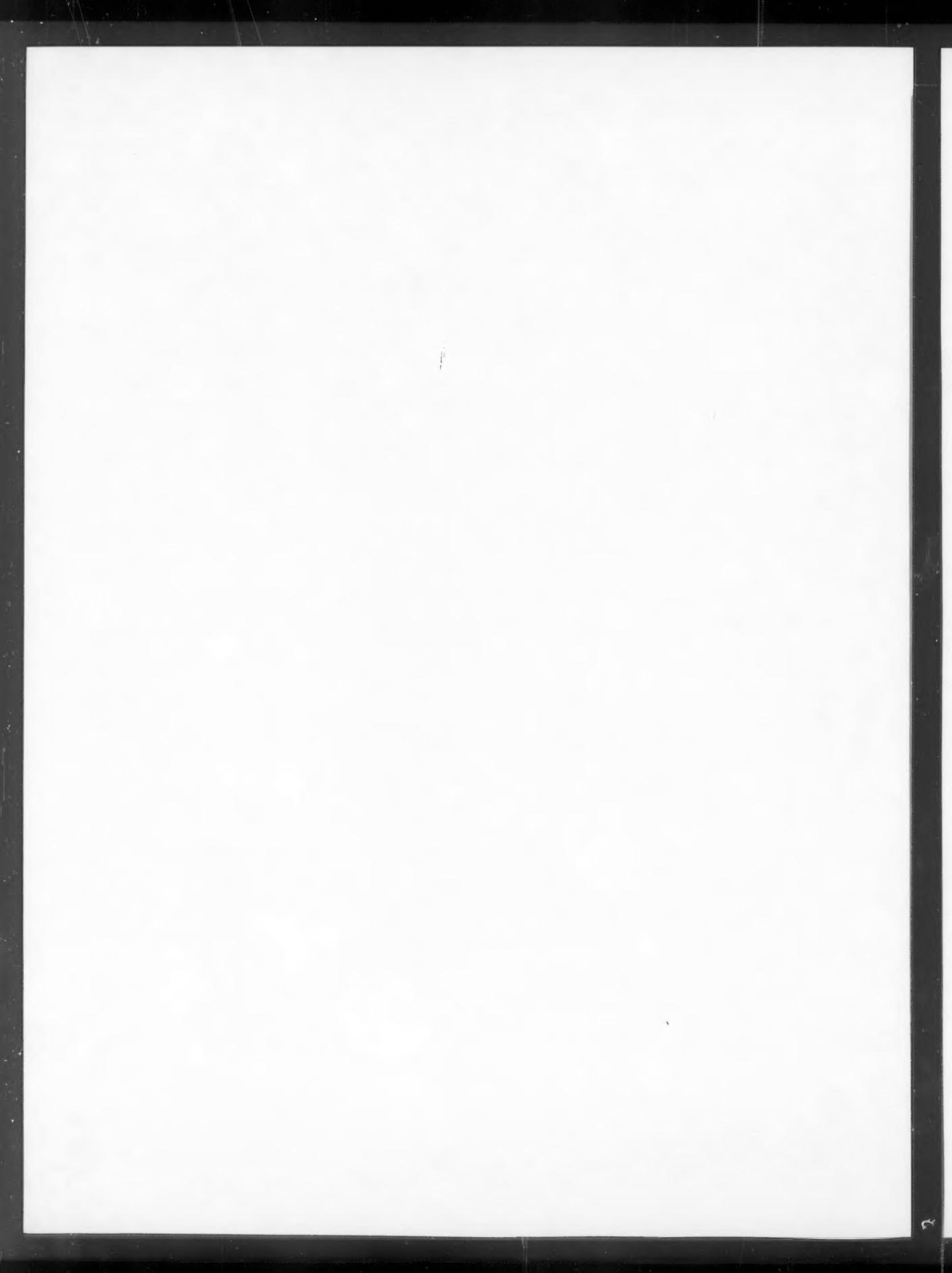
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- (8) : 1425 (diseases, muscles, chemical analysis, lakes, Man., Ont., ND)
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### Abbreviations/Abréviations

- J - Canadian Journal of Fisheries and Aquatic Sciences/Journal canadien des sciences halieutiques et aquatiques  
SP - Canadian Special Publication of Fisheries and Aquatic Sciences/Publication spéciale canadienne des sciences halieutiques et aquatiques  
B - Canadian Bulletin of Fisheries and Aquatic Sciences/Bulletin canadien des sciences halieutiques et aquatiques  
AR - Annual Report/Rapport annuel  
TF - Canadian Technical Report of Fisheries and Aquatic Sciences/Rapport technique canadien des sciences halieutiques et aquatiques  
MF - Canadian Manuscript Report of Fisheries and Aquatic Sciences/Rapport manuscrit canadien des sciences halieutiques et aquatiques  
DF - Canadian Data Report of Fisheries and Aquatic Sciences/Rapport statistique canadien des sciences halieutiques et aquatiques  
IF - Canadian Industry Report of Fisheries and Aquatic Sciences/Rapport canadien à l'industry sur les sciences halieutiques et aquatiques  
TH - Canadian Technical Report of Hydrography and Ocean Sciences/Rapport technique canadien sur l'hydrographie et les sciences océaniques  
DH - Canadian Data Report of Hydrography and Ocean Sciences/Rapport statistique canadien sur l'hydrographie et les sciences océaniques  
CH - Canadian Contractor Report of Hydrography and Ocean Sciences/Rapport canadien des entrepreneurs sur l'hydrographie et les sciences océaniques  
TS - Canadian Translation of Fisheries and Aquatic Sciences/Traduction canadienne des sciences halieutiques et aquatiques  
R - Reprinted/réimprimé  
Rev. - Revised/révisé  
F - French/français

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- Brown, L. M. - J 44(4) : 736
- Brown, S. B. - J 44(2) : 373
- Brown, T. G. - J 44(2) : 262
- Brown, T. J. - MF 1915  
- 1935  
- DF 612  
- 616  
- 617  
- 618  
- 630  
- 650
- Bruce-Allen, L. J. - J 44(9) : 1661
- Brunskill, G. J. - J 44(S1) : 215
- Brusven, M. A. - J 44(9) : 1669
- Buckingham, W. R. - DH 39(2)  
- (3)  
- 51(1)  
- (2)  
- (3)
- Buckley, J. R. - DH 45
- Buckley, L. J. - J 44(1) : 14
- Buerkle, U. - J 44(10) : 1782  
- MF 1902
- Burczynski, J. - J 44(6) : 1261
- Burd, B. J. - TH 84  
- 88  
- 89
- Burns, T. - MF 1865
- Butorina, T. Ye. - TS 5285
- C**
- Cabilio, P. - J 44(11) : 1890
- Caldwell, B. A. - J 44(6) : 1135
- Cameron, T. A. - TF 1503
- Campana, S. E. - J 44(11) : 1922  
- TF 1569
- Campbell, C. - TF 1562
- Campbell, N. E. R. - J 44(4) : 750
- Campton, D. E. - J 44(3) : 573
- Cankovic, M. - TS 5300
- Caraco, N. - J 44(2) : 473
- Carberry, G. - TF 1548

Carlisle, J. C. - J 44(1) : 210	Christie, W. J. - J 44(S2) : 7
Caron, D. A. - J 44(12) : 2164	- : 37
Carter, E. W. - DF 640	- : 431
- 653	- : 439
Carter, E. W. - DF 640	- : 448
- 653	- : 486
Carter, J. A. - MF 1907	Cibik, S. J. - J 44(1) : 83
Carter, J. C. H. - J 44(10) : 1737	Ciborowski, J. J. H. - J 44(4) : 832
- : 1743	Clair, T. A. - J 44(3) : 538
Carver, C. E. A. - J 44(9) : 1589	Clark, K. L. - J 44(9) : 1622
Casillas, E. - J 44(1) : 219	Clarke, K. - TF 1530
Cass, A. J. - MF 1903	Clarke, W. C. - TF 1515
- 1934	Clay, C. S. - J 44(4) : 811
Castell, J. D. - J 44(8) : 1443	- (11) : 2022
Cattaneo, A. - J 44(2) : 296	Clay, D. - MF 1910
- (11) : 2025	Claytor, R. R. - J 44(7) : 1320
Cerutti, G. - TS 5330	- TF 1531
Chadwick, E. M. P. - J 44(7) : 1320	Cleland, G. B. - J 44(3) : 636
Chalanchuk, S. M. - J 44(S1) : 55	Clifford, P. - J 44(1) : 210
- : 114	Cobb, D. G. - DF 625
- TF 1476	Cochran, R. C. - J 44(1) : 134
Chalmers, D. - MF 1924	Cochrane, N. A. - TH 68
Chamberlin, T. W. - MF 1821	Coffen, S. S. - J 44(9) : 1589
Chambers, P. A. - J 44(9) : 1666	Cohen, Y. - J 44(S2) : 75
Chambers, R. C. - J 44(11) : 1936	- : 171
Chan, L. - DF 643(1)	- : 404
Chandra, C. V. - IF 177	Colby, P. J. - J 44(S2) : 104
Chang-Kue, K. T. J. - DF 660	- : 417
Charlton, M. N. - J 44(12) : 2216	- : 486
- : 2230	Cole, J. J. - J 44(1) : 214
Chau, Y. K. - J 44(6) : 1173	Collie, J. S. - J 44(2) : 357
- : 1257	- (9) : 1551
Chen, J. - J 44(10) : 1753	Collins, J. J. - J 44(S2) : 129
Chiasson, S. - IF 178F	- : 411
Chilton, D. - MF 1913	- : 431
Chiperzak, D. B. - DF 661	- : 439
Chopin, T. - TF 1514	Collins, R. H. - MF 1772
Chou, C. L. - J 44(1) : 91	Confer, J. L. - J 44(9) : 1529
- (8) : 1443	- (11) : 2028
	Cook, R. B. - J 44(5) : 1082

- Cooke, K. D. - TF 1511
- Cooley, J. M. - J 44(S2) : 148
- Cormier, A. - IF 178F
- Cornett, R. J. - J 44(1) : 146  
- (4) : 852
- Coté, M. - TS 5319
- Couture, P. - J 44(1) : 167
- Crabbe, F. R. - DF 498
- Crawford, W. R. - DH 50
- Cross, C. L. - DF 528  
- 647
- Cross, M. L. - J 44(3) : 674
- Crowder, A. - J 44(S2) : 148
- Crowder, L. B. - J 44(2) : 467  
- (S2) : 141
- Cruikshank, D. R. - DF 648
- Cuhel, R. L. - J 44(12) : 2077  
- : 2102  
- : 2118  
- : 2144  
- : 2230
- Curtis, L. R. - J 44(4) : 846
- Cury, P. - J 44(2) : 408
- Czwarino, J. - MF 1919  
- DF 638
- D
- Daan, N. - J 44(S2) : 360
- Daborn, G. R. - J 44(11) : 1890
- Dahlke, L. - MF 1899
- Dalziel, F. - DF 639
- D'Amours, L. - TS 5319
- Davenport, D. - DF 651
- Davies, I. J. - J 44(S1) : 114
- Davies, R. W. - J 44(5) : 1092
- Davis, M. W. - J 44(1) : 192
- Day, K. E. - J 44(10) : 1714
- De Haan, H. - J 44(9) : 1649
- de Lafontaine, Y. - J 44(1) : 54  
- (9) : 1534
- de March, L. - DH 5(10)  
- (13:1)  
- (13:2)
- DeBruyn, E. R. - J 44(S1) : 47  
- : 83  
- : 135  
- DF 629
- DeClercq, D. R. - J 44(S1) : 47  
- : 83
- Delbaere, I. L. - J 44(S1) : 264
- D'Elia, C. F. - J 44(1) : 83
- deNoyelles, F. Jr. - J 44(S1) : 91
- Department of Fisheries and Oceans - AR
- Deriso, R. B. - J 44(S2) : 339
- DeWolfe, D. L. - J 44(11) : 1890
- Dickie, L. M. - J 44(11) : 1915  
- (S2) : 68  
- : 471
- Dixon, D. G. - J 44(1) : 227
- Dodson, J. J. - J 44(2) : 399
- Doe, K. - TF 1307
- Donaldson, E. M. - J 44(11) : 1930  
- DF 609
- Donard, O. F. X. - J 44(1) : 140
- Doonan, I. J. - J 44(2) : 422
- Doyle, R. W. - J 44(9) : 1520
- Drinkwater, K. F. - J 44(9) : 1568
- Driscoll, C. T. - J 44(1) : 214
- Drost, M. R. - J 44(2) : 304
- Duarte, C. M. - J 44(4) : 732  
- (10) : 1759
- Dugas, J. D. - DF 532
- Duthie, H. C. - J 44(2) : 390  
- (3) : 639
- Dwyer, D. A. - J 44(11) : 1972
- Dye, H. M. - J 44(11) : 1930

## E

Eadie, B. J. - J 44(11) : 1898

Earle, J. C. - J 44(3) : 639

Ebisu, A. - TS 5244

Eck, G. W. - J 44(S2) : 53  
- : 439

Eckert, T. H. - J 44(S2) : 390

Eddy, S. B. - TF 1561

Edwards, A. - TF 1307

Eisenreich, S. J. - J 44(6) : 1165

Eklund, E. - TS 5251  
- 5269  
- 5284

El-Shaarawi, A. H. - J 44(7) : 1315

Eliassen, S. - TS 5264

Elliott, D. G. - J 44(1) : 206

Ellis, G. - TF 1511

Elner, J. K. - TF 1521(1)  
- (2)

Elner, R. W. - J 44(11) : 2002

Elwood, J. W. - J 44(5) : 1064

Engelsen, R. - TS 5324

Engstrom, D. R. - J 44(7) : 1306

Ennis, G. L. - J 44(3) : 658

Erickson, R. N. - DF 635

Erstad, H. - TS 5262  
- 5263

Eskelinen, P. - TS 5274

Evans, C. R. - TF 1491

Evans, D. O. - J 44(10) : 1786  
- (S2) : 182  
- : 249  
- : 448

Everest, F. H. - J 44(9) : 1603

Ewing, R. D. - J 44(2) : 452

## F

Fabijan, M. F. - TF 1491

Fahnenstiel, G. L. - J 44(3) : 499  
- : 509Fargo, J. - MF 1897  
- 1912  
- 1937Farmer, G. J. - DF 645  
- 646  
- 654

Farwell, M. K. - DF 601

Fasmer, E. - TS 5261

Fedoseev, G. A. - TS 5277

Fee, E. J. - J 44(S1) : 47  
- : 83

Fellingham, G. W. - J 44(3) : 680

Feltmate, B. W. - J 44(9) : 1658

Fielden, R. F. - MF 1943  
- 1944Findlay, D. L. - J 44(S1) : 35  
- : 135

Findlay, W. J. - J 44(S1) : 264

Findlayson, D. - TF 1562

Finley, K. J. - TF 1491

Finogenova, N. P. - TS 5245

Firth, J. R. - TF 1355(Rev.)

Fischer, R. U. Jr. - J 44(9) : 1629

Fissel, D. B. - DH 5(12)  
- (14)  
- 37(2)

Fitzpatrick, M. S. - J 44(7) : 1351

Fitzsimons, J. D. - TF 1497

Flannagan, J. F. - DF 625

Fleming, I. A. - J 44(11) : 1957

Fleming, J. O. - DF 622

Ford, J. - J 44(9) : 1584

Ford, J. K. B. - DF 633

Forney, J. - J 44(S2) : 166

Forsey, R. - DF 662

Fortier, L. - J 44(7) : 1326

- Foster, M. - TF 1533
- Foucher, R. P. - MF 1897  
- 1905  
- 1937  
- DF 355  
- 620  
- 621  
- 652
- Fournier, D. - J 44(6) : 1206  
- MF 1929
- Fournier, D. A. - J 44(2) : 422  
- (4) : 866
- Fournier, S. - DF 568F
- Foy, M. G. - J 44(5) : 967
- Fradette, P. - TS 5319
- France, R. L. - J 44(2) : 478  
- (6) : 1102  
- : 1112  
- (8) : 1510  
- (S1) : 97  
- : 107
- Francis, A. G. - DH 37(3)
- Francis, R. C. - J 44(5) : 1053  
- (7) : 1370
- Frank, K. T. - J 44(10) : 1729  
- TF 1556
- Freeberg, M. H. - J 44(S2) : 313
- Freedman, B. - J 44(3) : 538
- Freeland, H. J. - DH 52
- Freeman, K. R. - J 44(9) : 1589
- Fresh, K. L. - J 44(2) : 236
- Fricker, H-J. - J 44(12) : 2178  
- : 2230
- Frost, H. - TS 5280  
- 5304  
- 5305
- Fry, F. E. J. - J 44(S2) : 10
- Fudge, R. J. P. - DF 610  
- 628
- Fulthorpe, R. R. - J 44(3) : 650
- Furutani, A. - TF 1490
- G
- Gagné, J. A. - J 44(11) : 1922
- Gallop, P. - DF 663
- Galloway, J. N. - J 44(9) : 1595
- Gamble, R. L. - TF 1543  
- 1544
- Gang, M. - MF 1913  
- 1926
- Garling, D. L. Jr. - J 44(11) : 1985
- Garside, E. T. - J 44(5) : 1089
- Gascon, D. - TF 1568
- Gaskill, H. S. - TF 1562
- Gates, T. E. - J 44(5) : 1092
- Geen, G. H. - TF 1480
- Geraci, J. R. - J 44(7) : 1289  
- (9) : 1661
- Getchell, R. G. - J 44(11) : 2033
- Getz, W. M. - J 44(5) : 1053  
- (7) : 1370
- Gharrett, A. J. - J 44(4) : 765  
- : 787
- Gibson, K. N. - J 44(9) : 1584
- Gibson, R. J. - TF 1538  
- 1558
- Giles, M. A. - TF 1533
- Gilgan, M. W. - TF 1399
- Gillman, D. V. - DF 613
- Giovando, L. F. - DH 37(2)  
- 55
- Gjernes, T. - J 44(5) : 1024
- Gjernes, T. W. - TF 1509
- Gloss, S. P. - J 44(1) : 112  
- : 210
- Glover, R. M. - J 44(11) : 1898
- Goddard, C. I. - J 44(S2) : 239  
- : 431  
- : 439
- Gorham, E. - J 44(6) : 1165
- Gorodilov, Yu. N. - TS 5332
- Gosselein, S. - J 44(7) : 1326

- Gould, A. P. - J 44(10) : 1702
- Gradjanin, S. - TS 5300
- Graham, R. W. - J 44(S1) : 135  
- : 150
- Grainger, E. H. - DF 558
- Grant, J. W. A. - J 44(8) : 1390
- Grant, W. S. - J 44(3) : 490
- Gray, I. M. - J 44(12) : 2155
- Gray, J. E. - SP 87F
- Gray, R. W. - J 44(4) : 702
- Green, P. E. J. - J 44(2) : 316  
- : 327
- Greenleaf, W. - J 44(4) : 909
- Griffiths, W. B. - TF 1491
- Grima, A. P. - J 44(S2) : 425
- Grimm, R. - TS 5328
- Grossman, G. D. - J 44(4) : 803
- Guildford, S. J. - J 44(8) : 1408
- Gunn, J. M. - J 44(8) : 1418
- H
- Haard, N. - IF 177
- Hackett, J. R. - DH 44  
- : 45
- Haegele, C. W. - MF 1917  
- : 1921  
- : 1922  
- : DF 428  
- : 615
- Haist, V. - MF 1924  
- : 1929  
- : DF 619
- Hall, J. D. - J 44(2) : 452  
- : (9) : 1603
- Hall, R. J. - J 44(9) : 1652
- Halliday, R. G. - TF 1550
- Hamer, B. L. - DF 498
- Hamey, M. J. - MF 1921
- Hamilton, D. T. - J 44(5) : 1038
- Hansen, J. J. - TS 5314
- Hanson, F. B. - J 44(S2) : 298
- Hara, T. J. - J 44(2) : 373
- Harding, E. A. - MF 1821
- Hardy, R. W. - J 44(1) : 219
- Hargreaves, N. B. - DF 632  
- : 640
- Harling, W. R. - DF 355
- Harlton, C. - DF 643(1)
- Harman, P. R. - J 44(8) : 1462
- Harris, G. P. - J 44(12) : 2144
- Harrison, C. R. - DF 601
- Harrison, P. J. - J 44(10) : 1768
- Hart, D. R. - J 44(2) : 390
- Hartman, G. F. - J 44(2) : 262  
- : (3) : 658
- Hartman, W. L. - J 44(S2) : 417  
- : 486
- Harvey, H. H. - J 44(5) : 1018
- Hatch, R. W. - J 44(S2) : 15  
- : 411
- Hauksson, E. - TS 5255  
- : 5257  
- : 5258
- Hay, D. E. - J 44(6) : 1181  
- : 1496  
- : MF 1917  
- : DF 615
- Hay, K. - J 44(2) : 282
- Hay, R. - TH 87
- Hayakawa, Y. - TS 5291  
- : 5292  
- : 5293
- Hayes, J. W. - J 44(1) : 40
- Healey, F. P. - J 44(8) : 1408
- Healey, M. C. - B 215  
- : TF 1494  
- : DF 636
- Hecky, R. E. - J 44(8) : 1408  
- : TF 1490  
- : DF 610  
- : 628
- Heisey, D. M. - J 44(S2) : 324

- Hellesland, J. E. - TS 5309
- Henderson, B. A. - J 44(S2) : 10  
- : 448
- Henderson, E. B. - J 44(8) : 1462
- Henderson, M. A. - MF 1916
- Hendrey, G. R. - J 44(9) : 1595
- Hendzel, L. L. - TF 1488  
- 1489
- Heritage, G. D. - IF 179
- Hesslein, R. H. - J 44(S1) : 26  
- : 74  
- : 231
- Hewett, S. W. - J 44(S2) : 384
- Heynen, M. L. - J 44(12) : 2185
- Hickey, D. G. - MF 1908  
- 1928
- Higgins, P. S. - MF 1913
- Hightower, J. E. - J 44(4) : 803
- Hilborn, R. - J 44(5) : 1031  
- (7) : 1366  
- (10) : 1796
- Hill, A. R. - J 44(11) : 1948
- Hillaby, J. E. - TF 1482(1)  
- (2)
- Hillier, K. G. - TF 1538  
- 1558
- Hisatune, K. - TS 5306
- Hjertaker, P. I. - TS 5253
- Ho, K. T. Y. - J 44(1) : 112
- Hoenig, J. M. - J 44(S2) : 324  
- : 439
- Holdway, D. A. - J 44(1) : 227
- Holey, M. E. - J 44(S2) : 371  
- : 439
- Holm, J. C. - J 44(5) : 1079
- Holmes, J. A. - TF 1498
- Holoka, M. H. - J 44(S1) : 154  
- : 163
- Hondo, T. - TS 5291  
- 5292  
- 5293
- Hoogveld, H. L. - J 44(9) : 1649
- Hop Wo, L. - DF 428
- Hopky, G. E. - DF 661
- Horne, E. P. - TF 1568
- Houlihan, D. F. - J 44(9) : 1614
- Howell, G. D. - TF 1521(2)
- Hsiao, S. I. C. - DF 558  
- 575
- Hudon, C. - J 44(6) : 1157  
- (11) : 1855
- Huggett, W. S. - DH 50
- Hume, J. M. B. - J 44(2) : 271
- Hunt, J. J. - MF 1923
- Hunt, R. V. - J 44(8) : 1425
- Hunter, G. A. - J 44(11) : 1930  
- DF 609
- Hurlburt, M. - J 44(8) : 1496
- Hurley, D. A. - J 44(S2) : 148
- Hurley, G. V. - J 44(7) : 1361
- Hutchinson, T. C. - J 44(10) : 1692
- Hutton, R. J. - TF 1482(1)  
- (2)
- Hyatt, K. D. - J 44(11) : 1963  
- TF 1509  
- 1557
- Hyatt, W. H. - TF 1497
- Hyman, J. B. - J 44(S2) : 84  
- : 471
- I
- Ide, F. P. - J 44(9) : 1652
- Iguchi, T. - TS 5306
- Incze, L. S. - J 44(6) : 1143
- Ingram, J. H. - DF 664
- Isozaki, I. - TS 5244
- Ito, S. - TS 5290  
5320
- J
- Jackson, D. R. - J 44(9) : 1544

- Jackson, M. B. - J 44(S1) : 135
- Jacobson, L. D. - J 44(S2) : 275  
- : 439
- Jakobsen, P. J. - J 44(5) : 1079
- James, M. - MF 1914  
- DF 627
- James, M. D. - TF 1503  
- MF 1894  
- 1911
- Jamieson, G. S. - IF 179
- Jefferts, K. - J 44(6) : 1261
- Jerome, V. - TF 1519
- Jessop, E. F. - DF 660
- Johannes, A. H. - J 44(9) : 1595
- Johnsen, G. H. - J 44(5) : 1079
- Johnsen, J. S. - TS 5260
- Johnson, B. L. - J 44(S2) : 289
- Johnson, G. - J 44(3) : 674
- Johnson, M. G. - J 44(1) : 3  
(S2) : 148
- Johnson, M. K. - MF 1944
- Johnston, C. E. - J 44(4) : 702
- Jones, K. A. - J 44(2) : 373
- Jones, M. L. - SP 87F
- Jones, S. R. - J 44(3) : 549
- Jordan, F. P. - DF 653
- Jørgensen, H. P. - TS 5281  
- 5303  
- 5304
- Jørstad, K. E. - J 44(10) : 1775
- Joza, J. - IF 176
- K
- Kaattari, S. L. - J 44(1) : 161
- Kalff, J. - J 44(1) : 176  
- (5) : 990  
- (10) : 1759
- Kamaitis, G. - J 44(12) : 2212
- Kan, K. T. - TF 1501
- Kasian, S. E. M. - J 44(S1) : 35
- Kask, B. A. - MF 1915  
- 1935  
- DF 612  
- 616  
- 617  
- 618  
- 630
- Kaster, J. L. - J 44(9) : 1574
- Kathman, R. D. - TH 89
- Kaushik, N. K. - J 44(10) : 1714
- Kawamura, K. - TS 5294  
- 5296  
- 5297  
- 5322
- Kawamura, Y. - TS 5333
- Kean, J. C. - J 44(8) : 1443
- Kearney, R. E. - J 44(6) : 1122
- Keir, M. J. - TF 1497
- Keller, A. - J 44(5) : 1045
- Keller, W. - J 44(2) : 390  
- (10) : 1692
- Kelly, R. K. - J 44(8) : 1425
- Kelso, J. R. M. - SP 87F  
- MF 1772
- Kemp, C. J. - J 44(4) : 846
- Kempe, E. J. - J 44(1) : 227
- Kerr, S. R. - J 44(S2) : 68
- Kettle, W. D. - J 44(S1) : 91
- Kevern, N. R. - J 44(11) : 1985
- Khaldinova, N. A. - TS 5315
- Kieser, R. - J 44(3) : 562  
- (5) : 1024  
- MF 1917
- Kitcheill, J. F. - J 44(S2) : 384
- Kjerstad, T. - TS 5261
- Klaverkamp, J. F. - J 44(8) : 1425
- Kleiber, P. - J 44(6) : 1122
- Klump, J. V. - J 44(9) : 1574

- Knowles, R. - J 44(4) : 743  
   - (12) : 2133
- Kobayashi, T. - J 44(3) : 490
- Kohlenberger, H. - TS 5256
- Kondo, S. - TS 5306
- Koonce, J. F. - J 44(S2) : 61
- Kope, R. G. - J 44(6) : 1213
- Korhonen, K. - TS 5283
- Koslow, J. A. - J 44(1) : 26  
   - (11) : 2012
- Kostecki, P. T. - J 44(1) : 210
- Kotyk, M. S. - DF 616  
   - 617  
   - 618  
   - 630  
   - 650
- Kramar, O. - J 44(6) : 1257
- Kramer, D. L. - J 44(7) : 1358  
   - (8) : 1507
- Kratz, T. K. - J 44(5) : 1082
- Krause, E. - J 44(5) : 1002
- Krezoski, J. R. - J 44(9) : 1574
- Kristmannsson, S. - TS 5259
- Kristofferson, A. H. - IF 174
- Kronlund, A. R. - J 44(6) : 1181
- Kruse, G. H. - J 44(11) : 1870
- Kruzyński, G. M. - J 44(6) : 1233  
   - (7) : 1343  
   - MF 1913
- Kulakkattolickal, A. T. - J 44(7) : 1358
- Kulka, D. W. - TF 1355(Rev.)
- L
- Lacho, G. - DF 614
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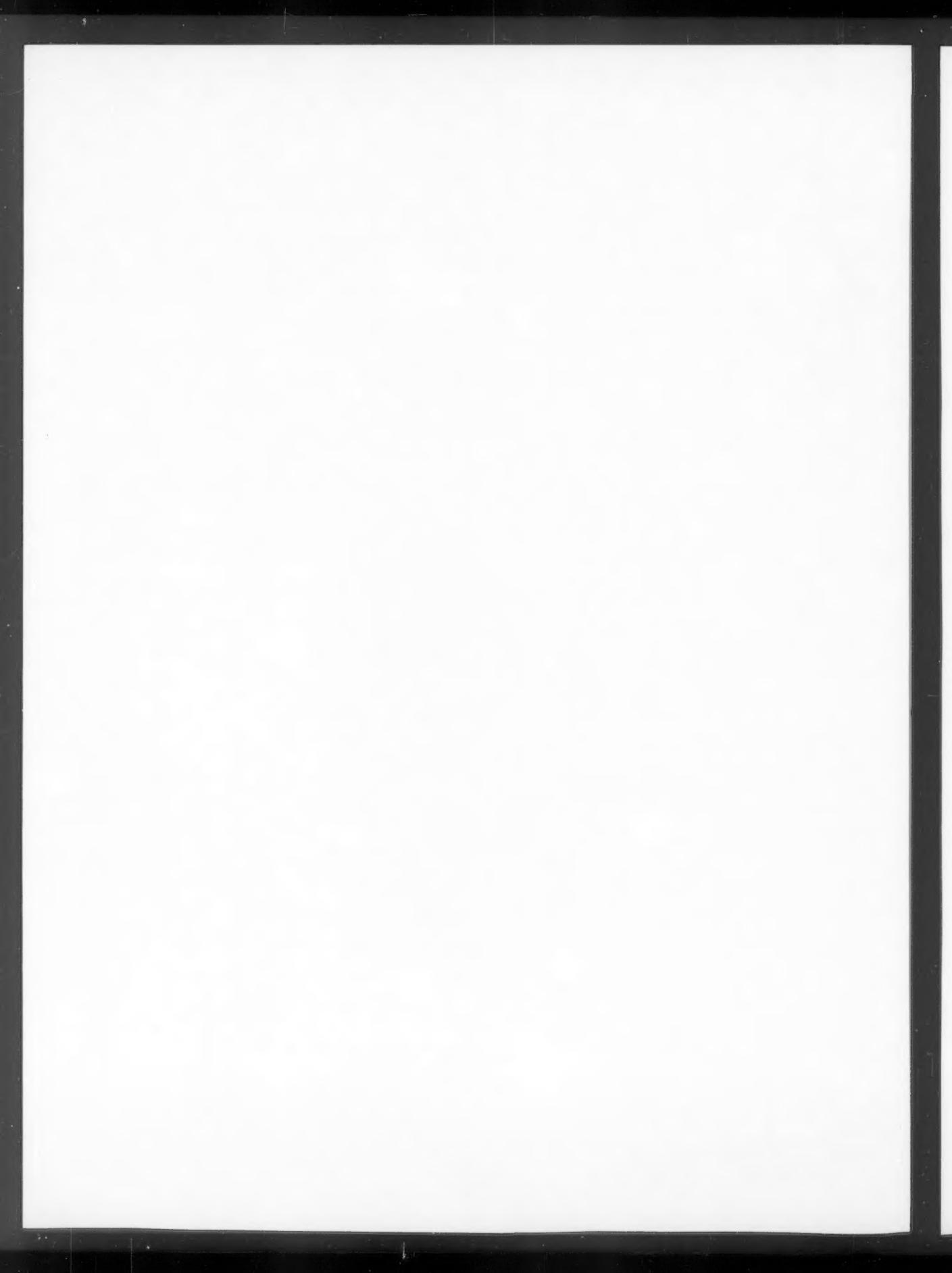
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Ces rapports contiennent les résultats des recherches et des progrès qui sont utiles à l'industrie. Ils sont préparés principalement à l'intention des membres des secteurs primaire et secondaires des industries des pêches et de la mer. Il n'y a aucune restriction quant aux sujets abordés et la série reflète la vaste gamme des intérêts et des politiques du ministère des Pêches et des Océans, notamment dans les domaines de la gestion des pêches, de la technologie, du développement et des milieux aquatiques s'appliquant au Canada.

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RAPPORT TECHNIQUE CANADIEN SUR L'HYDROGRAPHIE ET LES SCIENCES OCEANIQUES

Abbreviation/Abréviation: TH

These reports contain scientific and technical information that is of sufficient importance to be preserved but that is not appropriate for primary scientific publication. No restriction is placed on subject matter and the series reflects hydrography and chemical and physical oceanography programs of the Department of Fisheries and Oceans.

The reports are abstracted in *Aquatic sciences and fisheries abstracts* and are indexed annually in the Department's index to scientific and technical publications.

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Ces rapports contiennent des données scientifiques et techniques suffisamment importantes pour être consignées mais qui ne se prêtent pas à la publication dans un journal scientifique. Il n'y a aucune restriction quant aux sujets abordés et la série reflète les programmes d'hydrographie ainsi que d'océanographie chimique et physique du ministère des Pêches et des Océans.

Les rapports sont résumés dans *Aquatic sciences and fisheries abstracts* et figurent dans l'index annuel des publications scientifiques et techniques du Ministère.

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Abbreviation/Abréviation: DH

This series provides a medium for documentation, archiving, and dissemination of data compilations where little or no analysis is included. Such compilations will commonly have been prepared in support of other publications or of work related to hydrography and to chemical and physical oceanography programs of the Department of Fisheries and Oceans.

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Abbreviation/Abréviaison: CH

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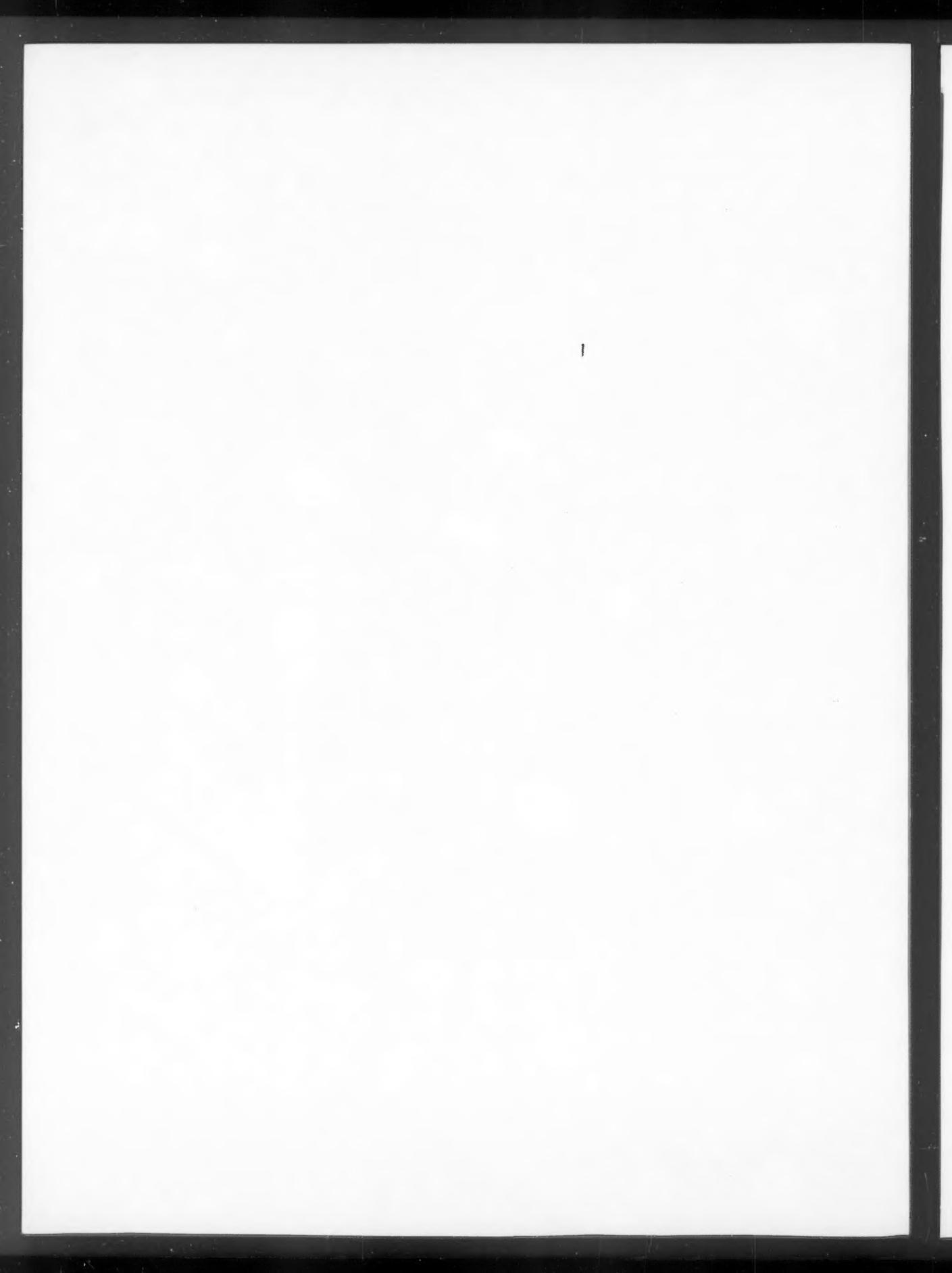
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5257. Hauksson, E. 1984. Food of the common  
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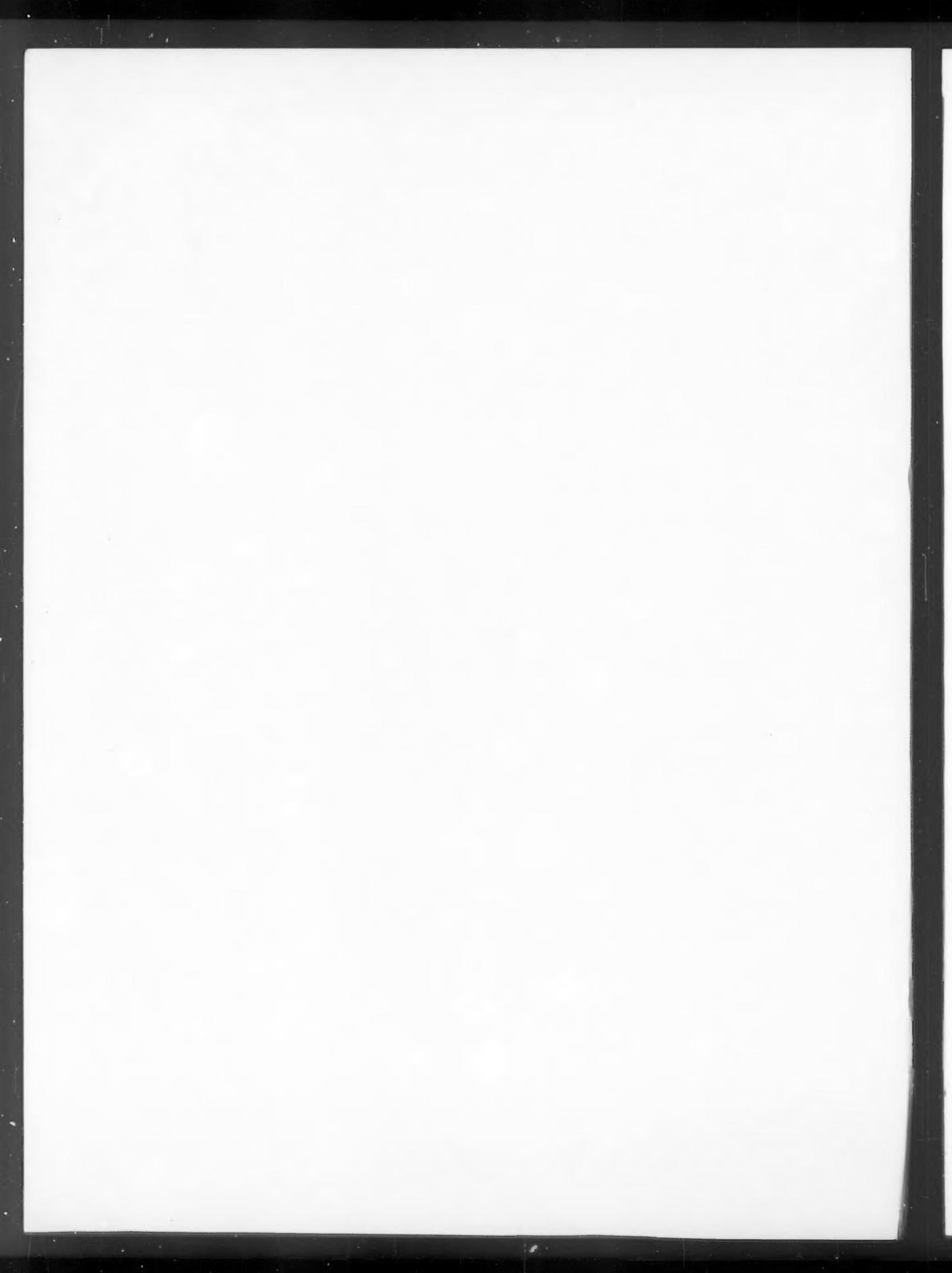
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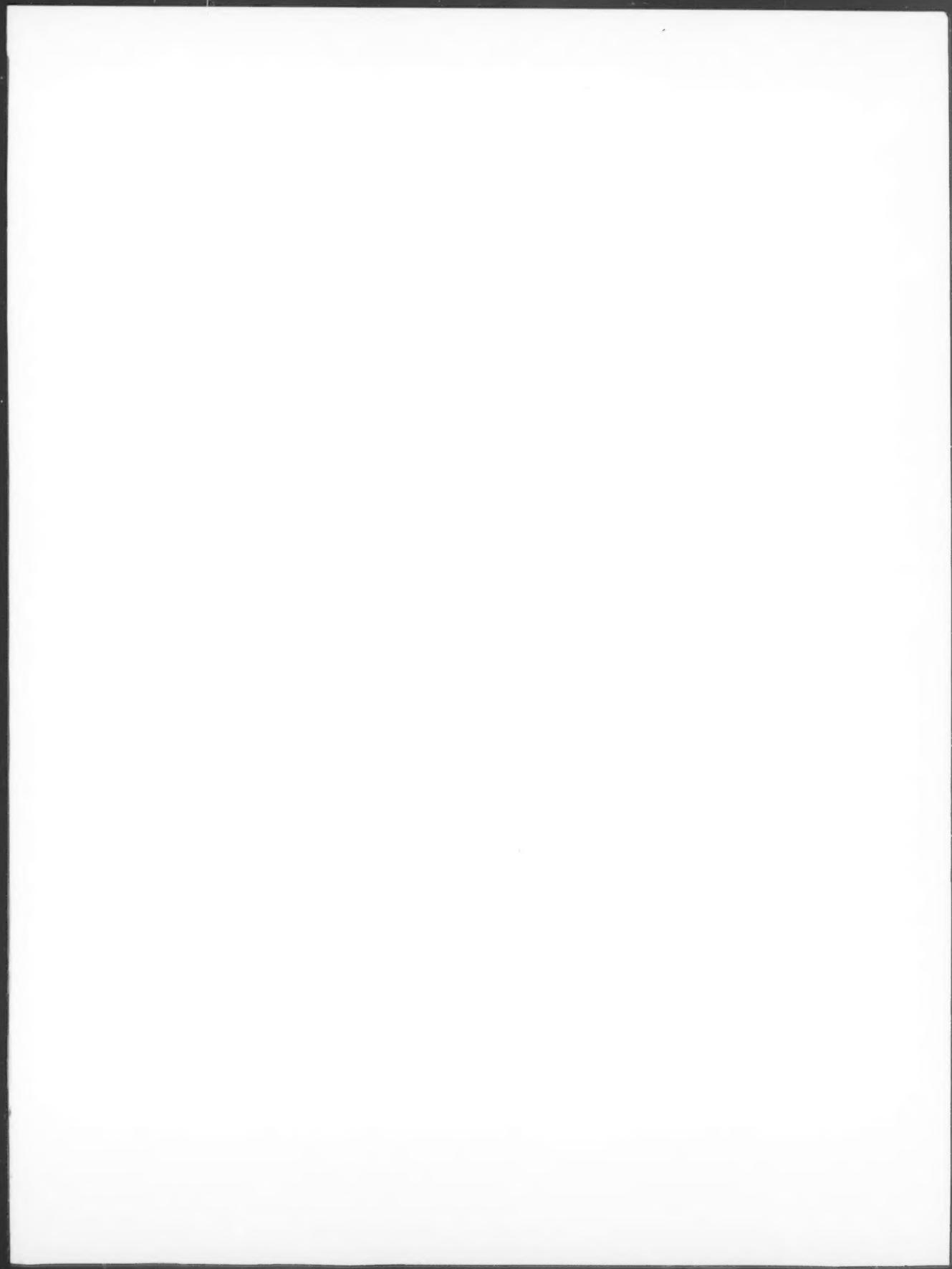
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